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Título Profesional o Grado Académico (incluya el año de obtención):

**LICENCIATURA EN CIENCIAS C/M EN QUÍMICA, UNIVERSIDAD DE CHILE
1980.**

Estudios de Postgrado o Especialización (institución donde lo obtuvo y año de obtención):

PH.D. EN QUÍMICA, UNIVERSITY OF CALIFORNIA, USA, 1986.

Actividad Actual e Institución en la cual trabaja:

**PROFESOR TITULAR DE LA UNIVERSIDAD DE CHILE. DEPARTAMENTO
DE QUÍMICA, FACULTAD DE CIENCIAS.**

Reseña de su actividad laboral actual:

Área de Investigación: Físico-Química Molecular.

Líneas de Investigación: Estudio de propiedades y comportamiento de cristales líquidos liotrópicos nemáticos discoidales y moléculas huéspedes incorporadas mediante RMN y Dinámica Molecular. Estudio de procesos dinámicos intra o intermoleculares que se manifiestan como una deformación del espectro de RMN al modificar la temperatura (coalescencia), técnica conocida como Dynamic NMR (DNMR).

PUBLICACIONES:

Soto-Delgado, J., Bahamonde-Padilla, V., Araya-Maturana, R., Weiss-López, B.E.
On the mechanism of biological activity of hydroquinone derivatives that inhibit tumor cell respiration. A theoretical study
(2013) Computational and Theoretical Chemistry, 1013, pp. 97-101.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84876350688&partnerID=40&md5=10b0ab08271dfe591ed53a11e25c5e9f>
DOCUMENT TYPE: Article
SOURCE: Scopus

Bahamonde-Padilla, V.E., Martínez-Cifuentes, M., Muñoz-Masson, D., Ruiz, Á., Ahumada, H., Araya-Maturana, R., Soto-Delgado, J., Weiss-López, B.E.
Location, orientation and dynamics of two molecules with mitochondrial activity dissolved in anionic lyomesophase. A 2H-NMR and MD study
(2012) Journal of the Chilean Chemical Society, 57 (3), pp. 1295-1300.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84873694907&partnerID=40&md5=cc172d2f2d99abda7fc7c171090bff9>
DOCUMENT TYPE: Article
SOURCE: Scopus

Dobado, J.A., Gómez-Tamayo, J.C., Calvo-Flores, F.G., Martínez-García, H., Cardona, W., Weiss-López, B., Ramírez-Rodríguez, O., Pessoa-Mahana, H., Araya-Maturana, R.
NMR assignment in regioisomeric hydroquinones
(2011) Magnetic Resonance in Chemistry, 49 (6), pp. 358-365. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-79955898616&partnerID=40&md5=795c04f749d47388e489924794f5394f>
DOCUMENT TYPE: Article
SOURCE: Scopus

Aliaga, A.E., Ahumada, H., Sepúlveda, K., Gomez-Jeria, J.S., Garrido, C., Weiss-López, B.E., Campos-Vallette, M.M.
SERS, molecular dynamics and molecular orbital studies of the MRKDV peptide on silver and membrane surfaces
(2011) Journal of Physical Chemistry C, 115 (10), pp. 3982-3989. Cited 9 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-79953197247&partnerID=40&md5=3258301a2fb4f88c476eb6a60bb5b083>
DOCUMENT TYPE: Article
SOURCE: Scopus

Bahamonde, V., Ahumada, H., Araya-Maturana, R., Weiss-López, B.E.
Counterion effects and dynamics of parathion in anionic lyomesophases
(2010) Australian Journal of Chemistry, 63 (1), pp. 68-74. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-76849087650&partnerID=40&md5=3ee55687b8361659ec479cfa070c300b>
DOCUMENT TYPE: Article
SOURCE: Scopus

Vera, A., Ahumada, H., Bahamonde, V., Montecinos, R., Araya-Maturana, R., Muñoz, D., Weiss-López, B.E.
Dynamics and orientation of parathion dissolved in a discotic nematic lyomesophase
(2008) Australian Journal of Chemistry, 61 (12), pp. 968-974. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-57649230128&partnerID=40&md5=0a6a9c81d21e0f9b3bd3471c9f5d5604>
DOCUMENT TYPE: Article
SOURCE: Scopus

Araya-Maturana, R., Pessoa-Mahana, H., Weiss-López, B.
Very long-range correlations ($n_{JC,H} > 3$) in HMBC spectra
(2008) *Natural Product Communications*, 3 (3), pp. 445-450. Cited 5 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-68649111402&partnerID=40&md5=a2c217ea0a6c84b2d1e4c3d363f9c4ef>
DOCUMENT TYPE: Review
SOURCE: Scopus

Araya-Maturana, R., Heredia-Moya, J., Donoso-Taúda, O., Vera, M., Hernández, J.T., Pavani, M., Pessoa-Mahana, H., Weiss-López, B., Ferreira, J.
Effects of simple and angular chromones on tumor cell respiration
(2008) *Natural Product Communications*, 3 (4), pp. 519-524. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-77954012692&partnerID=40&md5=124d2042e0a8c69e58ffd601237afa33>
DOCUMENT TYPE: Article
SOURCE: Scopus

Montecinos, R., Ahumada, H., Bahamonde-Padilla, V.E., Olea, A.F., Weiss-López, B.E.
Counterion and composition effects on discotic nematic lyotropic liquid crystals. II. Ion exchange and molecular dynamics
(2007) *Journal of Colloid and Interface Science*, 316 (1), pp. 120-125.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34948834666&partnerID=40&md5=6248fbedf84ad64d391a497b285264c4>
DOCUMENT TYPE: Article
SOURCE: Scopus

Montecinos, R., Ahumada, H., Araya-Maturana, R., Olea, A.F., Weiss-López, B.E.
Counterion and composition effects on discotic nematic lyotropic liquid crystals. I. Size and order
(2007) *Journal of Colloid and Interface Science*, 316 (1), pp. 126-131. Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34948862776&partnerID=40&md5=c940fdea87304eb2e661d9a63d9e29fd>
DOCUMENT TYPE: Article
SOURCE: Scopus

Heredia-Moya, J., Krohn, K., Flörke, U., Pessoa-Mahana, H., Weiss-López, B., Estévez-Braun, A., Araya-Maturana, R.
Domino inverse electron demand diels-alder reactions of chromones with ethyl vinyl ether
(2007) *Heterocycles*, 71 (6), pp. 1327-1345. Cited 5 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34547794714&partnerID=40&md5=0d2794c4319a1c580d6eb3ec08322cee>
DOCUMENT TYPE: Article
SOURCE: Scopus

Araya-Maturana, R., Cardona, W., Cassels, B.K., Delgado-Castro, T., Ferreira, J., Miranda, D., Pavani, M., Pessoa-Mahana, H., Soto-Delgado, J., Weiss-López, B.
Effects of 9,10-dihydroxy-4,4-dimethyl-5,8-dihydro-1(4H)-anthracenone derivatives on tumor cell respiration
(2006) *Bioorganic and Medicinal Chemistry*, 14 (13), pp. 4664-4669. Cited 14 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33747334685&partnerID=40&md5=8dee1a1845cfbe514cdcb94bcf453051>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ahumada, H., Montecinos, R., Tieleman, D.P., Weiss-López, B.E.
Orientation and dynamics of benzyl alcohol and benzyl alkyl ethers dissolved in nematic lyotropic liquid crystals. ²H NMR and molecular dynamics simulations (2005) *Journal of Physical Chemistry A*, 109 (30), pp. 6644-6651. Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-23844440632&partnerID=40&md5=dc0b62618eb0487108f23d565a12665c>
DOCUMENT TYPE: Article
SOURCE: Scopus

Araya-Maturana, R., Gavín-Sazatornil, J.A., Heredia-Moya, J., Pessoa-Mahana, H., Weiss-López, B.
Long-range correlations ($n_j C, H n > 3$) in the HMBC spectra of 3-(4-oxo-4H-chromen-3-yl)-acrylic acid ethyl esters (2005) *Journal of the Brazilian Chemical Society*, 16 (3 B), pp. 657-661. Cited 4 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-23744442399&partnerID=40&md5=ec387b8763c258ac45f46feba360ee41>
DOCUMENT TYPE: Article
SOURCE: Scopus

Araya-Maturana, R., Heredia-Moya, J., Pessoa-Mahana, H., Weiss-López, B., Muñoz, J.C.
(2Z)-3-(5-Hydroxy-4-oxo-4H-chromen-3-yl)acrylonitrile (2005) *Acta Crystallographica Section C: Crystal Structure Communications*, 61 (4), pp. o237-o239. Cited 4 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-307444454577&partnerID=40&md5=ba4b361936cc661e49606ffbd6301b14>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ahumada, H., Montecinos, R., Alegría, S., Araya-Maturana, R., Weiss-López, B.E.
Chiral discrimination of L- and D-N-acyl-1-phenyl-D5-2-aminopropanes in a cesium N-dodecanoyl-L-threoninate cholesteric nematic lyomesophase (2005) *Journal of the Chilean Chemical Society*, 50 (1), pp. 421-425. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-15944413403&partnerID=40&md5=6d693f225c9a4afdc52fe502385466c8>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ahumada, H., Montecinos, R., Martínez, R., Araya-Maturana, R., Weiss-López, B.
About the difference in the quadrupole splitting of water between cationic and anionic nematic lyotropic liquid crystals. ²H-NMR and molecular dynamics study (2004) *Journal of the Chilean Chemical Society*, 49 (3), pp. 209-213. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-4644318977&partnerID=40&md5=26a9086b4996ef0d4fb4c07666171076>
DOCUMENT TYPE: Article
SOURCE: Scopus

Montecinos, R., Ahumada, H., Martínez, R., Olea, F.A., Araya-Maturana, R., Aliste, M.P., Tieleman, D.P., Weiss-López, B.E.
Structure and aggregation number of a lyotropic liquid crystal: A fluorescence quenching and molecular dynamics study (2004) *Langmuir*, 20 (14), pp. 5703-5708. Cited 9 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-3142658025&partnerID=40&md5=315b5b287c3e3e7e1bd04a95a8deea6c>
DOCUMENT TYPE: Article

SOURCE: Scopus

Bravo, H.R., Weiss-López, B., Lamborot, M., Copaja, S.V.
Chemical basis for the antimicrobial activity of acetanilides
(2003) Journal of the Chilean Chemical Society, 48 (4), pp. 27-30. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-1842781596&partnerID=40&md5=67f7fa2eaf782c0db3ef72f9b8c14cec>

DOCUMENT TYPE: Article

SOURCE: Scopus

Araya-Maturana, R., Heredia-Moya, J., Pessoa-Mahana, H., Weiss-López, B.
Improved selective reduction of 3-formylchromones using basic alumina and 2-propanol

(2003) Synthetic Communications, 33 (18), pp. 3225-3231. Cited 11 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-0042334788&partnerID=40&md5=ebb3c41a947a3ee4382bde428064912b>

DOCUMENT TYPE: Article

SOURCE: Scopus

Bravo, H.R., Ernesto Clavijo, R., Weiss-Lopez, B.E.

Frontier orbitals and ir frequencies of cyclic hydroxamic acids related to antimicrobial activity

(2001) Boletín de la Sociedad Chilena de Química, 46 (3), pp. 257-260. Cited 2 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-1842742336&partnerID=40&md5=e63c7d7e86d7ce0e00d626ce0f42b3d8>

DOCUMENT TYPE: Article

SOURCE: Scopus

Weiss-López, B.E., Azocar, M., Montecinos, R., Cassels, B.K., Araya-Maturana, R.
Differential incorporation of L- and D-N-acyl-1-phenyl-d5-2-aminopropane in a cesium N-dodecanoyl-L-alaninate cholesteric nematic lyomesophase

(2001) Langmuir, 17 (22), pp. 6910-6914. Cited 10 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035976212&partnerID=40&md5=6df7a7247b1d674483be2070c46144cb>

DOCUMENT TYPE: Article

SOURCE: Scopus

Araya-Maturana, R., Delgado-Castro, T., Cardona, W., Weiss-López, B.E.

Use of long-range C-H ($nJ_{n>3}$) heteronuclear multiple bond connectivity in the assignment of the ^{13}C NMR spectra of complex organic molecules

(2001) Current Organic Chemistry, 5 (3), pp. 253-263. Cited 19 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035001848&partnerID=40&md5=57688fda90111429a97a04a049146883>

DOCUMENT TYPE: Review

SOURCE: Scopus

Weiss-López, B.E., Miño, G., Araya-Maturana, R., Tracey, A.S.

Average orientation and location of benzyl alcohol-d5 and alkyl benzyl-d5 ethers in anionic nematic lyotropic liquid crystals

(2000) Langmuir, 16 (8), pp. 4040-4044. Cited 5 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033741588&partnerID=40&md5=794cf5b20ebc1e40d7c9869d1d1c3afe>

DOCUMENT TYPE: Article

SOURCE: Scopus

Bravo, H.R., Weiss-Lopez, B.E.

N-acylation of lactams derived from natural 2-benzoxazinones and 1,4-benzoxazin-3-ones

(1999) Boletín de la Sociedad Chilena de Química, 44 (4), pp. 443-450. Cited 2 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0007182295&partnerID=40&md5=30eada1133d7ff93904bc8800c847a28)

[0007182295&partnerID=40&md5=30eada1133d7ff93904bc8800c847a28](http://www.scopus.com/inward/record.url?eid=2-s2.0-0007182295&partnerID=40&md5=30eada1133d7ff93904bc8800c847a28)

DOCUMENT TYPE: Article

SOURCE: Scopus

Arratia-Pérez, R., Hernández-Acevedo, L., Weiss-López, B.

Calculated paramagnetic properties of the acute GaAs₂ and obtuse Ga₂As clusters

(1999) Journal of Chemical Physics, 110 (22), pp. 10882-10887. Cited 9 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0000220640&partnerID=40&md5=0183be03658c0bc25ccc245c2d4531c8)

[0000220640&partnerID=40&md5=0183be03658c0bc25ccc245c2d4531c8](http://www.scopus.com/inward/record.url?eid=2-s2.0-0000220640&partnerID=40&md5=0183be03658c0bc25ccc245c2d4531c8)

DOCUMENT TYPE: Article

SOURCE: Scopus

Squella, J.A., Sturm, J.C., Weiss-Lopez, B., Bontá, M., Núñez-Vergara, L.J.

Electrochemical study of β -nitrostyrene derivatives: Steric and electronic effects on their electroreduction

(1999) Journal of Electroanalytical Chemistry, 466 (1), pp. 90-98. Cited 12 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0032630551&partnerID=40&md5=5942c587a881f936c487ee3d6d3618b6)

[0032630551&partnerID=40&md5=5942c587a881f936c487ee3d6d3618b6](http://www.scopus.com/inward/record.url?eid=2-s2.0-0032630551&partnerID=40&md5=5942c587a881f936c487ee3d6d3618b6)

DOCUMENT TYPE: Article

SOURCE: Scopus

Araya-Maturana, R., Cassels, B.K., Delgado-Castro, T., Valderrama, J.A., Weiss-López, B.E.

Regioselectivity in the Diels-Alder reaction of 8,8-dimethylnaphthalene-1,4,5(8H)-trione with 2,4-hexadiene-1-ol

(1999) Tetrahedron, 55 (3), pp. 637-648. Cited 15 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0033555379&partnerID=40&md5=f3b0e2ba72508be3f105ad674c30c60b)

[0033555379&partnerID=40&md5=f3b0e2ba72508be3f105ad674c30c60b](http://www.scopus.com/inward/record.url?eid=2-s2.0-0033555379&partnerID=40&md5=f3b0e2ba72508be3f105ad674c30c60b)

DOCUMENT TYPE: Review

SOURCE: Scopus

Weiss-López, B.E., Saldaño, D., Araya-Maturana, R., Gamboa, C.

Average orientation of benzyl-d₅ alkyl ethers in cationic nematic lyomesophases

(1997) Langmuir, 13 (26), pp. 7265-7269. Cited 5 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0031332767&partnerID=40&md5=c2c8cb10ed692b023421227d09336d05)

[0031332767&partnerID=40&md5=c2c8cb10ed692b023421227d09336d05](http://www.scopus.com/inward/record.url?eid=2-s2.0-0031332767&partnerID=40&md5=c2c8cb10ed692b023421227d09336d05)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rosenbluth, H., Weiss-Lopez, B., Olea, A.F.

Thermodynamic and Kinetic Study of the Interaction between Alkylpyridinium Ions and Pyrene Derivatives in Aqueous Solution

(1997) Photochemistry and Photobiology, 66 (6), pp. 802-809. Cited 11 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0001130596&partnerID=40&md5=f53b35ca9e00f98e2b4a3485f37d98ef)

[0001130596&partnerID=40&md5=f53b35ca9e00f98e2b4a3485f37d98ef](http://www.scopus.com/inward/record.url?eid=2-s2.0-0001130596&partnerID=40&md5=f53b35ca9e00f98e2b4a3485f37d98ef)

DOCUMENT TYPE: Article

SOURCE: Scopus

Clavijo, R.E., Weiss-Lopez, B., Rivera, L.

Vibrational spectra of Caulerpin, a green algae pigment

(1996) Boletín de la Sociedad Chilena de Química, 41 (2), pp. 153-157. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-21444460352&partnerID=40&md5=9c89491a913646dcee67ff315637a437>
DOCUMENT TYPE: Article
SOURCE: Scopus

Weiss-López, B.E., Vicencio-González, J., Gamboa, C.
Solubilization of N-alkylpyridinium ions in anionic nematic lyomesophases
(1996) Langmuir, 12 (18), pp. 4324-4328. Cited 10 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000263213&partnerID=40&md5=c2afcc4b8e6c05df275546e42deffdc>
DOCUMENT TYPE: Article
SOURCE: Scopus

Weiss-Lopez, B.E., Gamboa, C., Tracey, A.S.
Location and average alignment of alkylpyridinium ions in cationic nematic lyomesophases
(1995) Langmuir, 11 (12), pp. 4844-4847. Cited 14 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0001737220&partnerID=40&md5=52b080e96817697955d0a5b0e8c7601f>
DOCUMENT TYPE: Article
SOURCE: Scopus

Clavijo, R.E., Araya-Maturana, R., Cassels, B.K., Weiss-López, B.
Infrared spectra of nitrostyrene derivatives
(1994) Spectrochimica Acta Part A: Molecular Spectroscopy, 50 (12), pp. 2105-2115.
Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-1842531307&partnerID=40&md5=d660c504ae1c03486b2b2ebe4fbf0470>
DOCUMENT TYPE: Article
SOURCE: Scopus

Weiss-López, B., Bravo, H.R.
Substituent effects in frontier orbitals of cyclic hydroxamic acids
(1994) Heterocycles, 38 (1), pp. 9-16. Cited 7 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0344609884&partnerID=40&md5=6ad6836bad8a1c3317f3328f1172f56c>
DOCUMENT TYPE: Article
SOURCE: Scopus

Weiss-Lopez, B., Nash, C.P., True, N.S.
Conformational study of 1,2-dithiacyclononane
(1989) Spectrochimica Acta Part A: Molecular Spectroscopy, 45 (3), pp. 321-327. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33749623669&partnerID=40&md5=ff5cb36b4479b8a2ab9e17b503e5b29f>
DOCUMENT TYPE: Article
SOURCE: Scopus

Folkendt, M.M., Weiss-Lopez, B.E., True, N.S.
1H and 13C spin-lattice relaxation in gaseous benzene
(1988) Journal of Physical Chemistry, 92 (17), pp. 4859-4863. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33645701866&partnerID=40&md5=031bd21b5706b5234e31e6e6e6d2b8d2>
DOCUMENT TYPE: Article

SOURCE: Scopus

Weiss-Lopez, B.E., Winegar, E.D., True, N.S.
Proton spin-lattice relaxation in gaseous furan
(1988) Journal of Physical Chemistry, 92 (14), pp. 4052-4056.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845278373&partnerID=40&md5=b77b5637b979e2372a6fca0d08e9b393>
DOCUMENT TYPE: Article
SOURCE: Scopus

Weiss-Lopez, B.E., Goodrow, M.H., Musker, W.K., Nash, C.P.
Conformational dependence of the disulfide stretching frequency in cyclic model compounds
(1986) Journal of the American Chemical Society, 108 (6), pp. 1271-1274. Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0343374945&partnerID=40&md5=4a198b09a7bb4e9abbbc297eb29d948a>
DOCUMENT TYPE: Article
SOURCE: Scopus

Nash, C.P., Olmstead, M.M., Weiss-Lopez, B., Musker, W.K., Ramasubbu, N., Parthasarathy, R.
Structures and Raman spectra of two crystalline modifications of dithiodiglycolic acid
(1985) Journal of the American Chemical Society, 107 (24), pp. 7194-7195. Cited 7 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000781560&partnerID=40&md5=710c823a727fe117ca01087f91c6a2ad>
DOCUMENT TYPE: Article
SOURCE: Scopus

Weiss-Lopez, B., Fink, W.H., Nash, C.P.
Normal Coordinate Calculations on a Microcomputer ag
(1985) Computers and Chemistry, 9 (3), pp. 237-245.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0021903661&partnerID=40&md5=1fdad57a9f1a824c33e424de323d4b74>
DOCUMENT TYPE: Article
SOURCE: Scopus

Folkendt, M.M., Weiss-Lopez, B.E., Chauvel Jr., J.P., True, N.S.
Gas-phase ¹H NMR studies of keto-enol tautomerism of acetylacetone, methyl acetoacetate, and ethyl acetoacetate
(1985) Journal of Physical Chemistry, 89 (15), pp. 3347-3352. Cited 80 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0001395708&partnerID=40&md5=dcea0e1ebb38fe76ddf66e0f05d563aa>
DOCUMENT TYPE: Article
SOURCE: Scopus

PROYECTOS DE INVESTIGACIÓN:

COINVESTIGADOR. 1110176 REGIO- AND STEREO-SELECTIVE DIELS-ALDER REACTIONS IN THE SYNTHESIS OF CDC25B FOSFATASE INHIBITORS. 2011

INVESTIGADOR RESPONSABLE. 1095175 DISTRIBUTION, ORIENTATION, DYNAMICS AND REACTIVITY INDEXES OF BIOLOGICALLY ACTIVE QUINONES AND HYDROQUINONES DISSOLVED IN MAGNETIC FIELD ORIENTED LIQUID CRYSTALS AND MEMBRANE MIMETICS. 2H-NMR, MOLECULAR DYNAMICS (MD) AND MOLECULAR ORBIT. 2009

COINVESTIGADOR. 1071077 ESTUDIOS DE REACTIVIDAD DIELS-ALDER DE DIENOS QUIRALES Y ACQUIRALES CON QUINONAS BICICLICAS 5-OXOSUSTITUIDAS, EVALUACION ANTITUMORAL Y ANTIPARASITARIA DE QUINONAS E HIDROQUINONAS TRI Y TETRACICLICAS. 2007

INVESTIGADOR RESPONSABLE. 1050201 CARACTERIZACION DE CRISTALES LIQUIDOS LIOTROPICOS NEMATICOS CON MEZCLAS HALUROS DE TETRADECILTRIMETIL AMONIO / DIMIRISTOILFOSFOATIDILCOLINA (DMPC). RESONANCIA MAGNETICA NUCLEAR, APAGAMIENTO DE FLUORESCENCIA Y DINAMICA MOLECULAR. 2005

COINVESTIGADOR. 1030916 ESTUDIO DE LA SELECTIVIDAD DIASTEREOFACIAL Y DE LA REGIOSELECTIVIDAD DE 1-SULFINIL-3, 5-DIEN-2-OLENOS QUIRALES EN REACCIONES DIELS-ALDER. 2003

INVESTIGADOR RESPONSABLE. 1010211 ORIENTACION PROMEDIO Y DINAMICA REORIENTACIONAL DE ALCOHOLES BENCILICOS QUIRALES Y ACQUIRALES Y SUS ETHERES LINEALES DISUELTOS EN BICAPAS LIPIDAS. UN ESTUDIO 2H-RMN Y MODELACION MOLECULAR. 2001

INVESTIGADOR RESPONSABLE. 7010211 ORIENTACION PROMEDIO Y DINAMICA REORIENTACIONAL DE ALCOHOLES BENCILICOS QUIRALES Y ACQUIRALES Y SUS ETHERES LINEALES DISUELTOS EN BICAPAS LIPIDAS. UN ESTUDIO 2H-RMN Y MODELACION MOLECULAR. 2001

COINVESTIGADOR. 1000859 ESTUDIO DEL ROL DEL ENLACE DE PUENTE DE HIDROGENO INTERMOLECULAR EN LA REGIOQUIMICA DE REACCIONES DIELS-ALDER DE QUINONAS BICICLICAS 5-OXOSUSTITUIDAS. 2000

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