



Formula: C<sub>9</sub>H<sub>12</sub>ClNO<sub>4</sub>S

MW: 265.72

CAS: 117354-64-0

MDL NUMBER: MFCD00069282

IUPAC: 3-amino-2-(4-chlorophenyl)-2-hydroxypropanesulfonic acid

Smiles: S(CC(c1ccc(Cl)cc1)(O)CN)(=O)(=O)O

REFERENCE: Kerr DI, et al. 2-Hydroxy-saclofen: an improved antagonist at central and peripheral GABAB receptors. *Neurosci Lett.* 1988 Sep 23;92(1):92-6 Lambert NA, et al. Blockade of the late IPSP in rat CA1 hippocampal neurons by 2-hydroxy-saclofen. *Neurosci Lett.* 1989 Dec 15;107(1-3):125-8

SOURCE: a sulphonic analogue of baclofen

ACCEPTORS: 4

DONORS: 4

ROTATION BONDS: 5

N+O: 5

Chiral Centers: 1

LogP: -0.02

LogS: -2.74

LIPINSKI: 4

Synonyms: (RS)-3-AMINO-2-(4-CHLOROPHENYL)-2-HYDROXYPROPANESULPHONIC ACID;(RS)-3-AMINO-2-(4-CHLOROPHENYL)-2-HYDROXYPROPYL-SULFONIC ACID;(±)-3-AMINO-2-(4-CHLOROPHENYL)-2-HYDROXY-PROPANESULFONIC ACID;3-AMINO-2-(4-CHLOROPHENYL)-2-HYDROXYPROPANE-SULFONIC ACID;(±)-3-AMINO-2-(4-CHLOROPHENYL)-2-HYDROXYPROPYLSULFONIC ACID;2-HYDROXYSACLOFEN;HYDROXYSACLOFEN;3-amino-2-(4-chlorophenyl)-2-hydroxy-\*propanesulf

CAS:117354-64-0

MF:C9H12ClNO4S

MW:265.71

EINECS:

Product Categories:GABA/Glycine receptor 2-HYDROXYSACLOFEN

Chemical Properties: mp 267-269 C storage temp. 2-8C solubility H2O: 1 mg/mL form solid color white C Risk Statements 34 Safety Statements 26-27-36/37/39-45 RIDADR UN 1759 8/PG 3 WGK Germany 3 2-HYDROXYSACLOFEN

Usage And Synthesis: Biological ActivitySelective antagonist at GABA B receptors.  
2-HYDROXYSACLOFEN

