

Compound N051-0059 Biochemical | N051-0059 biochemical

Compound N051-0059

CATALOG #
AAA226642

PRODUCT SYNONYMS

Compound N051-0059; N051-0059 biochemical

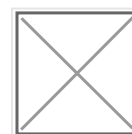
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Zonisamide-13C2,15N, CAS 1188265-58-8



Structure
Zonisamide-13C2,15N, CAS 1188265-58-8

ADDITIONAL INFORMATION

References

- ef="javascript:void(0)" >
- Masuda, Y., Ishizaki, M., and Shimizu, M. Zonisamide: Pharmacology and clinical efficacy in epilepsy. *CNS Drug Rev.* 4(4), 341-360 (1998). href="javascript:void(0)" >
 - Rock, D.M., Macdonald, R.L., and Taylor, C.P. Blockade of sustained repetitive action potentials in cultured spinal cord neurons by zonisamide (AD 810, CI 912), a novel anticonvulsant. *Epilepsy Res.* 3(2), 138-143 (1989). href="javascript:void(0)" >
 - Suzuki, S., Kawakami, K., Nishimura, S., et al. Zonisamide blocks T-type calcium channel in cultured neurons of rat cerebral cortex. *Epilepsy Res.* 12(1), 21-27 (1992). href="javascript:void(0)" >
 - Nishimori, I., Vullo, D., Minakuchi, T., et al. Carbonic anhydrase inhibitors: Cloning and sulfonamide inhibition studies of a carboxyterminal truncated alpha-carbonic anhydrase from *Helicobacter pylori*. *Bioorg. Med. Chem. Lett.* 16(8), 2182-2188 (2006). href="javascript:void(0)" >
 - De Simone, G., Di Fiore, A., Menchise, V., et al. Carbonic anhydrase inhibitors. Zonisamide is an effective inhibitor of the cytosolic isozyme II and mitochondrial isozyme V: Solution and X-ray crystallographic studies. *Bioorg. Med. Chem. Lett.* 15(9), 2315-2320 (2005). href="javascript:void(0)" >
 - Yabe, H., Choudhury, M.E., Kubo, M., et al. Zonisamide increases dopamine turnover in the striatum of mice and common marmosets treated with MPTP. *J. Pharmacol. Sci.* 110(1), 64-68 (2009).

NCBI AND UNIPROT INFORMATION

Molecular Weight	215.2
------------------	-------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.