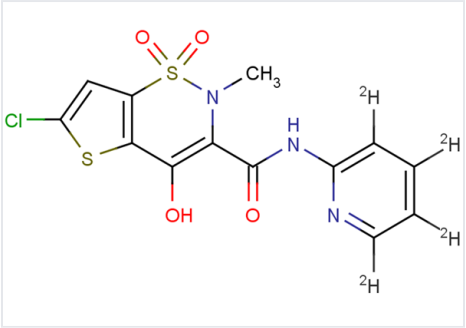
Lornoxicam-d4

PRODUCT OVERVIEW

Product Name	Lornoxicam-d4, Biochemical
Full Product Name	Lornoxicam-d4
Preparation and Storage	Powder: -20 degree C for 3 years | In solvent: -80 degree C for 1 year
Molecular Weight	375.85
SMILES	OC=1C2=C(S(=O)(=O)N(C)C1C(NC3=C(C(=C(C(=N3)[2H])[2H])[2H])[2H])=O)C=C(Cl)S2
Formula	C13H6ClD4N3O4S2
Solubility	(< 1 mg/ml refers to the product slightly soluble or insoluble)
CAS Number	1216527-48-8
Related Product Information for Lornoxicam-d4 biochemical	Lornoxicam-d4 is intended for use as an internal standard for the quantification of lornoxicam by GC-or LC-MS. Lornoxicam is a COX Inhibitor and non-steroidal anti-inflammatory drug (NSAID) with anti-inflammatory and analgesic properties. It inhibits production of thromboxane B2 from arachidonic acid in HEL human erythroleukemic cells, which endogenously express COX-1, as well as inhibits LPS-induced formation of prostaglandin F1alpha from arachidonic acid in Mono-Mac-6 cells, which endogenously express COX-2. Lornoxicam reduces LPS-induced production of nitric oxide and IL-6 in cell-based assays with IC50 values of 65 and 54uM, respectively. It reduces carrageenan-induced paw edema in rats when administered intravenously at doses ranging from 0.1 to 9 mg/kg. Formulations containing lornoxicam have been used in the management of postoperative pain.
Other Notes	Small volumes of Lornoxicam-d4 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Lornoxicam-d4 purchase	MBS5813751 is a biochemical targeting Lornoxicam-d4.



Structure of Lornoxicam-d4 biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/lornoxicam-d4/5813751