

Product Data Sheet

Product Name: Etoricoxib D4

Cat. No.: GC36014

Chemical Properties

Cas. No. 1131345-14-6

SMILES C1C(C=CN1)=CC(C2=C([2H])C([2H])=C(S(C)(=O)=O)C([2H])=C2[2H])=C1C3=CN=C(C)C=C3

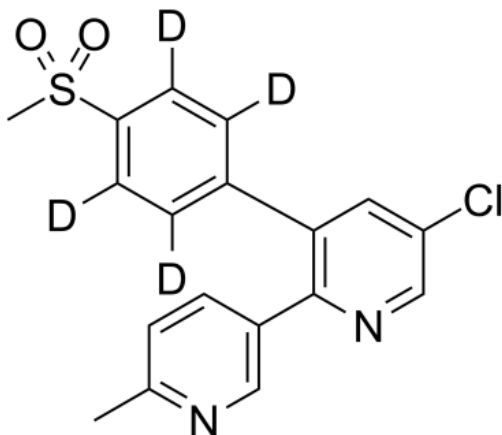
Formula $C_{18}H_{11}D_4ClN_2O_2S$ M.Wt 362.87

Solubility DMSO : 100 mg/mL (275.58 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Etoricoxib D4 (MK-0663 D4) is a deuterium labeled Etoricoxib. Etoricoxib is a non steroidal anti-inflammatory agent, acting as a selective and orally active COX-2 inhibitor, with IC50s of 1.1 µM and 116 µM for COX-2 and COX-1 in human whole blood.

Caution: Product has not been fully validated for medical applications. For research use only.

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