
Product Data Sheet

Product Name: Naloxone 3-glucuronide carbonic acid salt

Cat. No.: GC50235

Chemical Properties

Cas. No.

SMILES O=C(O)O.O=C3[C@H]5[C@]26C1=C(O5)C(OC4OC(C(O)=O)C(O)C(O)C4O)=CC=C1C[C@@H](N(CC6)CC=C)[C@@](O)2CC3

Formula $C_{25}H_{29}NO_{10} \cdot H_2CO_3$ M.Wt 565.52

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

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

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

Structure

Background

Naloxone conjugate. Following oral administration induces delayed diarrhea, as well as milder and delayed withdrawal behavior and tail skin temperature (TST) response compared with naloxone in morphine-dependent rats.

Simpkins et al (1988) Evidence for the delivery of narcotic antagonists to the colon as their glucuronide conjugates. J.Pharmacol.Exp.Ther. 244 195 PMID:3335997

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

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