

Rimeporide

Catalog No: tcsc0015014



Available Sizes

Size: 1mg

Size: 5mg



Specifications

CAS No:

187870-78-6

Formula:

$C_{11}H_{15}N_3O_5S_2$

Pathway:

Membrane Transporter/Ion Channel

Target:

Sodium Channel

Purity / Grade:

>98%

Solubility:

DMSO : 20 mg/mL (59.99 mM; Need ultrasonic and warming)

Alternative Names:

EMD-87580

Observed Molecular Weight:

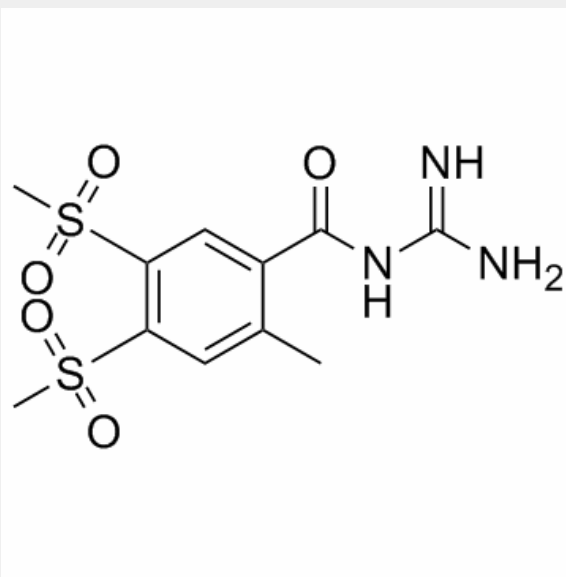
333.38

Product Description

Rimeporide is a potent and selective inhibitor of the **Na⁺/H⁺** exchanger (NHE-1).

IC50 & Target: NHE1^[1]

In Vitro: Blocking NHE-1 activity has been shown to decrease intracellular Na⁺ and Ca²⁺ overload and pH and Rimeporide represents a new therapeutic option for duchenne muscular dystrophy (DMD). Rimeporide is expected to act as a muscle-sparing agent and its mode of action means that it is mutation independent^[1].



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