

PF-5274857 mseylate (1373615-35-0 free base)

Chemical Properties

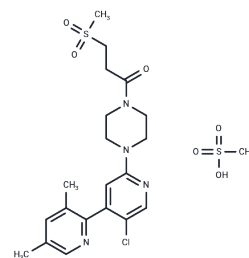
CAS No. :

Formula: C₂₁H₂₉ClN₄O₆S₂

Molecular Weight: 533.06

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PF-5274857 is a potent, orally active and selective inhibitor of hedgehog (Hh) signaling pathway (IC ₅₀ = 5.8 nM, K _i = 4.6 nM) . PF-5274857 effectively penetrates the blood-brain barrier and inhibits Smo activity in the brain of primary medulloblastoma mice, resulting in improved animal survival rates.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.876 mL	9.3798 mL	18.7596 mL
5 mM	0.3752 mL	1.876 mL	3.7519 mL
10 mM	0.1876 mL	0.938 mL	1.876 mL
50 mM	0.0375 mL	0.1876 mL	0.3752 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zhou WJ, Chen J, Feng Y, Fan YP, Li Q, Fu J, Zhang P. [Inhibition of Cigarettes Smoke-induced Epithelial to Mesenchymal Transition by the SMO Inhibitor PF-5274857 in Beas-2b Epithelial Cells]. Sichuan Da Xue Xue Bao Yi

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481