

SAG hydrochloride

Catalog No: #S4211

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	SAG hydrochloride
Brief Description	Inhibitors
Purification	98.00%
Target Name	Hedgehog/Smoothened agonist
Calculated MW	526.52
Formulation	C ₂₈ H ₂₉ Cl ₂ N ₃ O ₃ S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Product Description

Research Area: Others
 SMILES: CNC1CCC(CC1)N(CC2=CC=CC(=C2)C3=CC=NC=C3)C(=O)C4=C(C5=CC=CC=C5S4)Cl
 Pathways: GPCR/G Protein; Stem Cells
 Receptor: Hedgehog/Smoothened
 Boiling pt: Melting pt: Solubility: Water 100 mg/mL (189.92 mM)
 DMSO 71 mg/mL warmed (134.84 mM)
 Ethanol 40 mg/mL warmed (75.97 mM)
 In vivo Add solvents individually and in order:
 water 100mg/mL
 Appearance: Remark: 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 month.

References

- Chen JK, et al. Small molecule modulation of Smoothened activity. Proc Natl Acad Sci U S A. 2002 Oct 29;99(22):14071-6.

Note: This product is for in vitro research use only