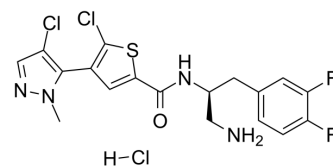


GSK2110183 analog 1 hydrochloride

| | |
|---------------------------|--|
| Cat. No.: | HY-15966A |
| CAS No.: | 2070009-64-0 |
| Molecular Formula: | C ₁₈ H ₁₇ Cl ₃ F ₂ N ₄ OS |
| Molecular Weight: | 481.77 |
| Target: | Akt |
| Pathway: | PI3K/Akt/mTOR |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (207.57 mM; Need ultrasonic)
H₂O : 25 mg/mL (51.89 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
|---------------------------|-----------------------|------|-----------|------------|------------|
| | | | | | |
| | 1 mM | | 2.0757 mL | 10.3784 mL | 20.7568 mL |
| | 5 mM | | 0.4151 mL | 2.0757 mL | 4.1514 mL |
| | 10 mM | | 0.2076 mL | 1.0378 mL | 2.0757 mL |

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% saline
Solubility: ≥ 2.5 mg/mL (5.19 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GSK2110183 analog 1 hydrochloride is the structural analogue of GSK2110183.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA