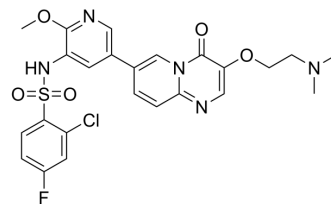


Gilmelisib

Cat. No.:	HY-139412		
CAS No.:	1845777-61-8		
Molecular Formula:	C ₂₄ H ₂₃ ClFN ₅ O ₅ S		
Molecular Weight:	547.99		
Target:	PI3K		
Pathway:	PI3K/Akt/mTOR		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (9.12 mM; ultrasonic and warming and adjust pH to 4 with HCl and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8249 mL	9.1243 mL	18.2485 mL
5 mM	0.3650 mL	1.8249 mL	3.6497 mL
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Gilmelisib is an antineoplastic. Gilmelisib is a PI3K inhibitor (IC₅₀ <1 nM for PI3K p110α) extracted from WO2017101847 A1, compound 1^{[1][2]}.

IC₅₀ & Target

p110α
<1 nM (IC₅₀)

REFERENCES

[1]. WO2017101847 A1

[2]. International Nonproprietary Names for Pharmaceutical Substances (INN)

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