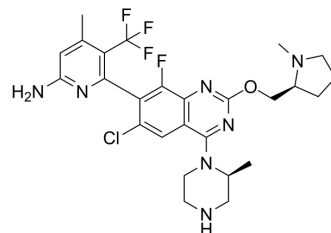


GDC-6036-NH

Cat. No.:	HY-147229		
CAS No.:	2417918-80-8		
Molecular Formula:	C ₂₆ H ₃₀ ClF ₄ N ₇ O		
Molecular Weight:	568.01		
Target:	Ras		
Pathway:	GPCR/G Protein; MAPK/ERK Pathway		
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 : 250 mg/mL (440.13 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7605 mL	8.8027 mL	17.6053 mL
5 mM	0.3521 mL	1.7605 mL	3.5211 mL
10 mM	0.1761 mL	0.8803 mL	1.7605 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: ≥ 2.08 mg/mL (3.66 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (3.66 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GDC-6036-NH is from patent WO2020097537A2, and a precursor of compound 17 a/b. Compound 17 a/b is a RAS inhibitor and can be used in cancer research^[1].

REFERENCES

- [1]. Malhotra Sushant, et al. FUSED RING COMPOUNDS. WO2020097537A2.

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

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