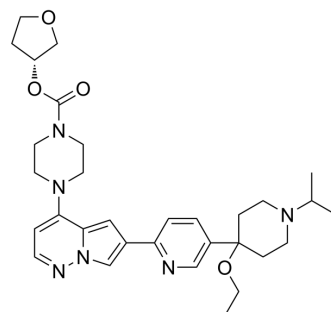


Fidrisertib

Cat. No.:	HY-117887		
CAS No.:	2141955-96-4		
Molecular Formula:	C ₃₁ H ₄₂ N ₆ O ₄		
Molecular Weight:	562.7		
Target:	TGF-β Receptor		
Pathway:	TGF-beta/Smad		
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 : 83.33 mg/mL (148.09 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7771 mL	8.8857 mL	17.7715 mL
5 mM	0.3554 mL	1.7771 mL	3.5543 mL
10 mM	0.1777 mL	0.8886 mL	1.7771 mL

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

BIOLOGICAL ACTIVITY

Description

ALK2-IN-1 is a activin receptor-like kinase-2 (ALK2) inhibitor extracted from patent WO2017181117A1, Compound 876, has an IC₅₀ of <10 nM^[1].

IC₅₀ & Target

IC₅₀: <10 nM (ALK2)^[1]

REFERENCES

[1]. Natasja Brooijmans, et al. Inhibitors of activin receptor-like kinase. WO2017181117A1.

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

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