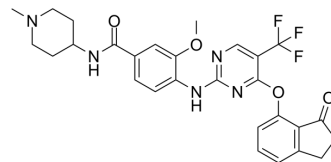


BI-4464

Cat. No.:	HY-124625
CAS No.:	1227948-02-8
Molecular Formula:	C ₂₈ H ₂₈ F ₃ N ₅ O ₄
Molecular Weight:	555.55
Target:	FAK; Ligands for Target Protein for PROTAC
Pathway:	Protein Tyrosine Kinase/RTK; PROTAC
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 : 16.67 mg/mL (30.01 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8000 mL	9.0001 mL	18.0002 mL
	5 mM	0.3600 mL	1.8000 mL	3.6000 mL
	10 mM	0.1800 mL	0.9000 mL	1.8000 mL

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

BIOLOGICAL ACTIVITY

Description

BI-4464 is a highly selective ATP competitive inhibitor of PTK2/FAK, with an IC₅₀ of 17 nM. A PTK2 ligand for PROTAC^[1].

IC₅₀ & Target

IC₅₀: 17 nM (PTK2/FAK)^[1].

REFERENCES

[1]. Popow J, et al. Highly Selective PTK2 Proteolysis Targeting Chimeras to Probe Focal Adhesion Kinase Scaffolding Functions. J Med Chem. 2019 Mar 14;62(5):2508-2520.

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

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