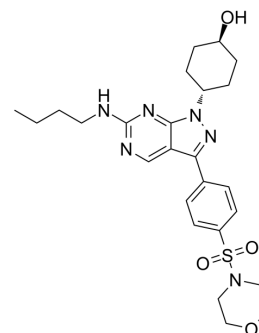


UNC1062

Cat. No.:	HY-117548		
CAS No.:	1350549-36-8		
Molecular Formula:	C ₂₅ H ₃₄ N ₆ O ₄ S		
Molecular Weight:	514.64		
Target:	TAM Receptor		
Pathway:	Protein Tyrosine Kinase/RTK		
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 : 10 mg/mL (19.43 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9431 mL	9.7155 mL	19.4311 mL
5 mM	0.3886 mL	1.9431 mL	3.8862 mL
10 mM	0.1943 mL	0.9716 mL	1.9431 mL

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

BIOLOGICAL ACTIVITY

Description

UNC1062 is a MERTK-selective tyrosine kinase inhibitor, reduces activation of MERTK-mediated downstream signaling, induces apoptosis in culture, reduces colony formation in soft agar, and inhibits invasion of melanoma cells. UNC1062 potently inhibits MERTK kinase activity (MERTK IC₅₀=1.1 nM, Morrison K_i=0.33 nM) and exhibits specificity within the TAM family (TYRO3 IC₅₀=60 nM, AXL IC₅₀=85 nM)^[1].

CUSTOMER VALIDATION

- Immunol Lett. 2023 Sep 7;S0165-2478(23)00146-3.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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