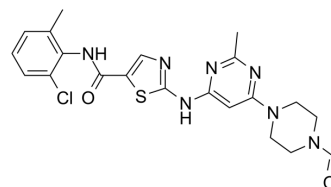


Dasatinib carbaldehyde

Cat. No.:	HY-111857		
CAS No.:	2112837-79-1		
Molecular Formula:	C ₂₁ H ₂₂ ClN ₇ O ₂ S		
Molecular Weight:	471.96		
Target:	Ligands for Target Protein for PROTAC		
Pathway:	PROTAC		
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 : 33.33 mg/mL (70.62 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1188 mL	10.5941 mL	21.1882 mL
5 mM	0.4238 mL	2.1188 mL	4.2376 mL
10 mM	0.2119 mL	1.0594 mL	2.1188 mL

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

BIOLOGICAL ACTIVITY

Description

Dasatinib carbaldehyde (BMS-354825 carbaldehyde), the Dasatinib (ABL inhibitor) based moiety, binds to IAP ligand via a linker to form SNIPER^[1].

REFERENCES

[1]. Shibata N, et al. Development of protein degradation inducers of oncogenic BCR-ABL protein by conjugation of ABL kinase inhibitors and IAP ligands. *Cancer Sci.* 2017 Aug;108(8):1657-1666.

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

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