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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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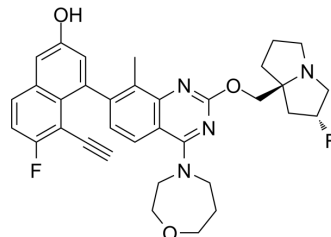
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pan-KRAS-IN-2

Cat. No.:	HY-156529		
CAS No.:	2882825-14-9		
Molecular Formula:	C ₃₄ H ₃₄ F ₂ N ₄ O ₃		
Molecular Weight:	584.66		
Target:	Ras		
Pathway:	GPCR/G Protein; MAPK/ERK Pathway		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (213.80 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7104 mL	8.5520 mL	17.1040 mL
5 mM	0.3421 mL	1.7104 mL	3.4208 mL
10 mM	0.1710 mL	0.8552 mL	1.7104 mL

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

BIOLOGICAL ACTIVITY

Description

pan-KRAS-IN-2 (compound 6) is a pan inhibitor of with IC₅₀s ≤10 nM for KRAS WT and mutants (G12D, G12C, G12V, G12S, G12A, Q61H), and ∅10 μM for KRAS G13D, respectively^[1].

IC₅₀ & Target

IC₅₀: ≤10 nM for KRAS WT and mutants (G12D, G12C, G12V, G12S, G12A, Q61H), and ∅10 μM for KRAS G13D

REFERENCES

[1]. Jones C, et al. Quinazoline derivatives useful as Ras inhibitors and their preparation. World Intellectual Property Organization, WO2022258974 A1. 2022-12-15.

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

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