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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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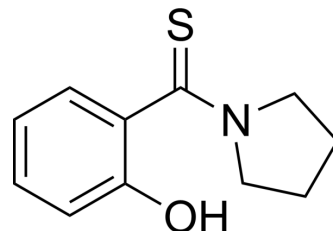
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K-Ras-IN-1

Cat. No.:	HY-18674
CAS No.:	84783-01-7
Molecular Formula:	C ₁₁ H ₁₃ NOS
Molecular Weight:	207.29
Target:	Ras
Pathway:	GPCR/G Protein; MAPK/ERK Pathway
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (482.42 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.8242 mL	24.1208 mL	48.2416 mL
		5 mM		0.9648 mL	4.8242 mL	9.6483 mL
		10 mM		0.4824 mL	2.4121 mL	4.8242 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.06 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.06 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.06 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	K-Ras-IN-1 is a K-Ras inhibitor. K-Ras-IN-1 binds K-Ras (WT), K-Ras (G12D), K-Ras (G12V), and H-Ras. K-Ras-IN-1 has the potential to be used in research on pancreatic, colon and lung cancer ^[1] .
IC ₅₀ & Target	K-Ras ^[1]

REFERENCES

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

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