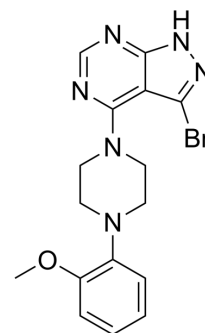


S6K1-IN-DG2

Cat. No.:	HY-152944
CAS No.:	871340-88-4
Molecular Formula:	C ₁₆ H ₁₇ BrN ₆ O
Molecular Weight:	389.25
Target:	Ribosomal S6 Kinase (RSK)
Pathway:	MAPK/ERK Pathway
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (128.45 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5690 mL	12.8452 mL	25.6904 mL
	5 mM	0.5138 mL	2.5690 mL	5.1381 mL
	10 mM	0.2569 mL	1.2845 mL	2.5690 mL

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

BIOLOGICAL ACTIVITY

Description

S6K1-IN-DG2 (Compound 66) is a p70S6K inhibitor (IC₅₀: < 100 nM)^[1].

REFERENCES

[1]. Neel K. Anand, et al. Kinase modulators and methods of use. Patent. WO2005117909.

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

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