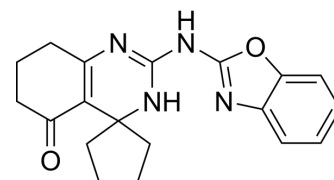


GALK1-IN-1

Cat. No.:	HY-128047		
CAS No.:	669718-48-3		
Molecular Formula:	C ₁₉ H ₂₀ N ₄ O ₂		
Molecular Weight:	336.39		
Target:	Others		
Pathway:	Others		
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 : 2 mg/mL (5.95 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9727 mL	14.8637 mL	29.7274 mL
5 mM	0.5945 mL	2.9727 mL	5.9455 mL
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description GALK1-IN-1 (Compound 4) is a galactokinase inhibitor (IC₅₀: 4.2129 μM)^[1].

IC₅₀ & Target Galactokinase

REFERENCES

[1]. Matthew B, et al. Galactokinase inhibitors for the treatment and prevention of associated diseases and disorders. Patent. WO2013043192.

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

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