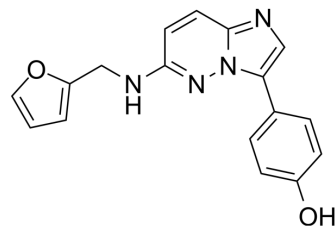


IRAK inhibitor 2

Cat. No.:	HY-13276		
CAS No.:	928333-30-6		
Molecular Formula:	C ₁₇ H ₁₄ N ₄ O ₂		
Molecular Weight:	306.32		
Target:	IRAK		
Pathway:	Immunology/Inflammation		
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 : ≥ 50 mg/mL (163.23 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.2646 mL	16.3228 mL	32.6456 mL
	5 mM	0.6529 mL	3.2646 mL	6.5291 mL
	10 mM	0.3265 mL	1.6323 mL	3.2646 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: ≥ 2.75 mg/mL (8.98 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

IRAK inhibitor 2 is IRAK4 (interleukin-1 receptor associated kinase 4) inhibitor .

REFERENCES

[1]. WO2008030579A2

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

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