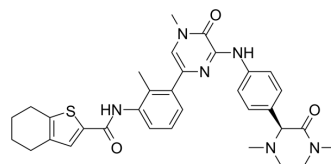


GDC-0834 S-enantiomer

Cat. No.:	HY-15427B		
CAS No.:	1133432-50-4		
Molecular Formula:	C ₃₃ H ₃₆ N ₆ O ₃ S		
Molecular Weight:	596.74		
Target:	Btk		
Pathway:	Protein Tyrosine Kinase/RTK		
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 (167.58 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.6758 mL	8.3789 mL	16.7577 mL
				5 mM	0.3352 mL	1.6758 mL	3.3515 mL
10 mM				0.1676 mL	0.8379 mL	1.6758 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 (4.19 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	GDC-0834 (S-enantiomer) is the S-enantiomer of GDC-0834. GDC-0834 is a potent and selective BTK inhibitor.
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REFERENCES

[1]. Young WB, et al. Potent and selective Bruton's tyrosine kinase inhibitors: discovery of GDC-0834. *Bioorg Med Chem Lett*. 2015 Mar 15;25(6):1333-7

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA