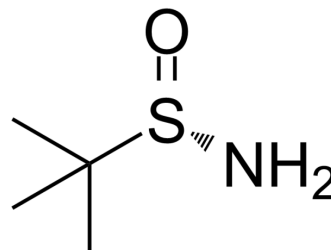


(S)-(-)-tert-Butylsulfonamide

Cat. No.:	HY-40229		
CAS No.:	343338-28-3		
Molecular Formula:	C ₄ H ₁₁ NOS		
Molecular Weight:	121.2		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
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 (825.08 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	8.2508 mL	41.2541 mL	82.5083 mL
	5 mM	1.6502 mL	8.2508 mL	16.5016 mL
	10 mM	0.8251 mL	4.1254 mL	8.2508 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (20.63 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (20.63 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (20.63 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S)-(-)-tert-Butylsulfonamide is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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