



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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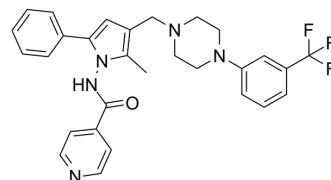
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Sudoterb

Cat. No.:	HY-14990
CAS No.:	676266-31-2
Molecular Formula:	C ₂₉ H ₂₈ F ₃ N ₅ O
Molecular Weight:	519.56
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (192.47 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.9247 mL	9.6235 mL	19.2471 mL
		5 mM		0.3849 mL	1.9247 mL	3.8494 mL
10 mM		0.1925 mL	0.9624 mL	1.9247 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.81 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Sudoterb (LL 3858) is an orally active anti-Tuberculosis agent ^[1] .
In Vivo	Sudoterb (12.5 mg/kg and 25 mg/kg, p.o., 4 and 8 weeks) is effective against M.tuberculosis in mice ^[2] . Sudoterb (p.o., mice) shows a LD ₅₀ of 700 mg/kg ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Maha A. Elhakeem, et al. Synthesis and anti-mycobacterial evaluation of some new isonicotinylhydrazide analogues. Bulletin of Faculty of Pharmacy, Cairo University. 2015, 53 (1), 45-52
- [2]. Protopopova M, et al. In search of new cures for tuberculosis. Med Chem. 2007 May;3(3):301-16.

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

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