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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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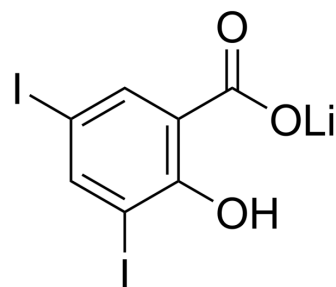
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Lithium 3,5-diiodosalicylate

Cat. No.:	HY-W250174
CAS No.:	653-14-5
Molecular Formula:	C ₇ H ₃ I ₂ LiO ₃
Molecular Weight:	395.85
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 175 mg/mL (442.09 mM; Need ultrasonic)				
	Ethanol : ≥ 100 mg/mL (252.62 mM)				
	* "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
			1 mM	2.5262 mL	12.6310 mL
5 mM			0.5052 mL	2.5262 mL	5.0524 mL
10 mM			0.2526 mL	1.2631 mL	2.5262 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (12.63 mM); Clear solution				
	2. Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (12.63 mM); Clear solution				
	3. Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 5 mg/mL (12.63 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Lithium 3,5-diiodosalicylate is a compound used in the study of bipolar disorder and other psychiatric disorders. It contains lithium and a salicylate. Lithium 3,5-diiodosalicylate works by affecting the levels of certain neurotransmitters in the brain, including dopamine and serotonin.
In Vitro	Lithium 3,5-diiodosalicylate is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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