



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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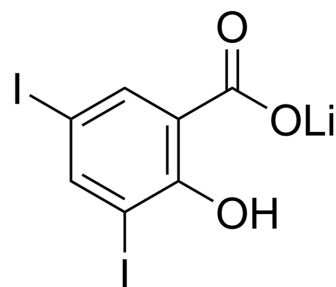
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## Lithium 3,5-diiodosalicylate

<b>Cat. No.:</b>	HY-W250174
<b>CAS No.:</b>	653-14-5
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>3</sub> I <sub>2</sub> LiO <sub>3</sub>
<b>Molecular Weight:</b>	395.85
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	-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

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	25.2621 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

- Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 5 mg/mL (12.63 mM); Clear solution
- Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 5 mg/mL (12.63 mM); Clear solution
- 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.

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

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