



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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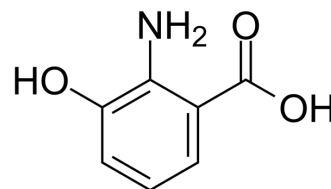
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## 3-Hydroxyanthranilic acid

Cat. No.:	HY-W001171		
CAS No.:	548-93-6		
Molecular Formula:	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub>		
Molecular Weight:	153.14		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (326.50 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.5300 mL	32.6499 mL	65.2997 mL
		5 mM	1.3060 mL	6.5300 mL	13.0599 mL
10 mM		0.6530 mL	3.2650 mL	6.5300 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 0.5% CMC-Na/saline water Solubility: 20 mg/mL (130.60 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 50% PEG300 >> 50% saline Solubility: 20 mg/mL (130.60 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (16.32 mM); Suspended solution; Need ultrasonic				
	4. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.32 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	3-Hydroxyanthranilic acid is a tryptophan metabolite in the kynurenine pathway.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

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## REFERENCES

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[1]. Lee WS, et al. The tryptophan metabolite 3-hydroxyanthranilic acid suppresses T cell responses by inhibiting dendritic cell activation. *Int Immunopharmacol.* 2013 Nov;17(3):721-6.

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

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