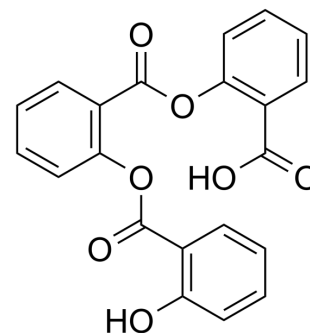


Tri-Salicylic acid

Cat. No.:	HY-131515
CAS No.:	85531-17-5
Molecular Formula:	C ₂₁ H ₁₄ O ₇
Molecular Weight:	378.33
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (660.80 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6432 mL	13.2160 mL	26.4320 mL
		5 mM	0.5286 mL	2.6432 mL	5.2864 mL
		10 mM	0.2643 mL	1.3216 mL	2.6432 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.50 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.50 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Tri-Salicylic acid is the compound with similar properties of salicylic acid. Tri-Salicylic acid has the potential for the research of inflammation, obesity and cardiovascular diseases (extracted from patent US20170368079A1, compound III) ^[1] .
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REFERENCES

[1]. Banavara L. Mylari. Anti-inflammatory and antidiabetic agents. Patent US20170368079A1.

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

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