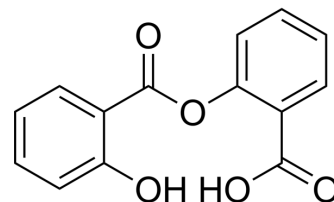


Salsalate (Standard)

Cat. No.:	HY-B1245R
CAS No.:	552-94-3
Molecular Formula:	C ₁₄ H ₁₀ O ₅
Molecular Weight:	258.23
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (387.25 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	3.8725 mL	19.3626 mL	38.7252 mL
5 mM	0.7745 mL	3.8725 mL	7.7450 mL		
10 mM	0.3873 mL	1.9363 mL	3.8725 mL		

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Salsalate (Standard) is the analytical standard of Salsalate. This product is intended for research and analytical applications. Salsalate, a non-acetylated salicylate, is an effective antirheumatic agent that bypasses gastric absorption and also avoids cyclooxygenase inhibition. Salsalate has anti-inflammatory activity and reduces glucose levels, insulin resistance, and cytokine expression. Salsalate can be used in the research of type 2 diabetes^{[1][2]}.

CUSTOMER VALIDATION

- Cell Mol Bioeng. 2022.

See more customer validations on www.MedChemExpress.com

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

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