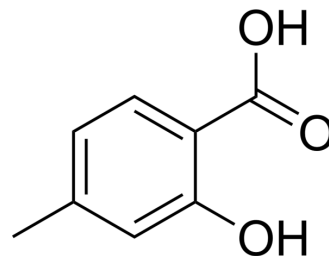


4-Methylsalicylic acid

Cat. No.:	HY-78144		
CAS No.:	50-85-1		
Molecular Formula:	C ₈ H ₈ O ₃		
Molecular Weight:	152.15		
Target:	IAP		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

4-Methylsalicylic acid is a salicylic acid. 4-Methylsalicylic acid derivative is a selective tissue-nonspecific alkaline phosphatase (TNAP) and intestinal alkaline phosphatase (IAP) inhibitor^[1].

REFERENCES

[1]. Mumtaz A, et al. Bisthioureas of pimelic acid and 4-methylsalicylic acid derivatives as selective inhibitors of tissue-nonspecific alkaline phosphatase (TNAP) and intestinal alkaline phosphatase (IAP): Synthesis and molecular docking studies. *Bioorg Chem.* 2020 Aug;101:103996.

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

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