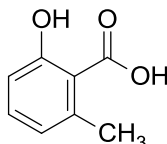


6-Methylsalicylic acid

Code No.: **BIA-M1655**

Pack sizes: **5 mg, 25 mg**



Synonyms : 2-Hydroxy-6-methylbenzoic acid; 6-Hydroxy-o-toluic acid; 2,6-Cresotic acid

Specifications

CAS #	: 567-61-3
Molecular Formula	: C ₈ H ₈ O ₃
Molecular Weight	: 152.2
Source	: <i>Aspergillus terreus</i>
Appearance	: White to off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

6-Methylsalicylic acid is a core salicylic acid unit in the biosynthesis of many secondary metabolites in actinomycetes, fungi and lichens. Reports of its isolation date back to 1917 when it was noted as a precursor of epoxydon biosynthesis. 6-Methylsalicylic acid is an important polar co-metabolite present in many fungi, notably Trichomonacea, and in lichens. 6-Methylsalicylic acid is a useful standard for bioassay and analytical techniques for dereplication of common co-metabolites.

References

1. Novel compounds from the culture broth of *Phyllosticta* sp. Sakamura S. et al., *Agr. Biol. Chem.* 1971, 35, 1639.
2. Dereplication of microbial natural products by LC-DAD-TOFMS. Nielsen K.F. et al., *J. Nat. Prod.* 2011, 74, 2338.