



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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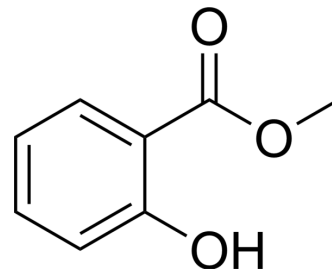
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Methyl Salicylate (Standard)

| | |
|--------------------|---|
| Cat. No.: | HY-Y0189R |
| CAS No.: | 119-36-8 |
| Molecular Formula: | C ₈ H ₈ O ₃ |
| Molecular Weight: | 152.15 |
| Target: | COX |
| Pathway: | Immunology/Inflammation |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Methyl Salicylate (Standard) is the analytical standard of Methyl Salicylate. This product is intended for research and analytical applications. Methyl Salicylate (Wintergreen oil) is a topical analgesic and anti-inflammatory agent. Also used as a pesticide, a denaturant, a fragrance ingredient, and a flavoring agent in food and tobacco products^[1]. A systemic acquired resistance (SAR) signal in tobacco^[2]. A topical nonsteroidal anti-inflammatory agent (NSAID). Methyl salicylate lactoside is a COX inhibitor^[4].

REFERENCES

- [1]. Greene T, et al. A critical review of the literature to conduct a toxicity assessment for oral exposure to methyl salicylate. *Crit Rev Toxicol.* 2017 Feb;47(2):98-120.
- [2]. Park SW, et al. Methyl salicylate is a critical mobile signal for plant systemic acquired resistance. *Science.* 2007 Oct 5;318(5847):113-6.
- [3]. Lapczynski A, et al. Fragrance material review on methyl salicylate. *Food Chem Toxicol.* 2007;45 Suppl 1:S428-52.
- [4]. Xin W, et al. Methyl salicylate lactoside inhibits inflammatory response of fibroblast-like synoviocytes and joint destruction in collagen-induced arthritis in mice. *Br J Pharmacol.* 2014 Jul;171(14):3526-38.

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

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