



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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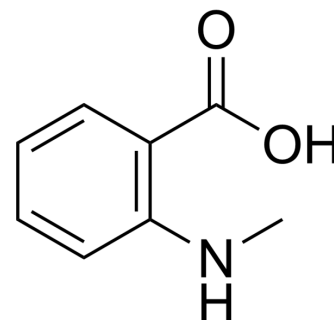
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2-(Methylamino)benzoic acid

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-W040705 | | |
| CAS No.: | 119-68-6 | | |
| Molecular Formula: | C ₈ H ₉ NO ₂ | | |
| Molecular Weight: | 151.16 | | |
| Target: | Drug Metabolite | | |
| Pathway: | Metabolic Enzyme/Protease | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (330.78 mM; Need ultrasonic)

| Concentration | Mass | | |
|---------------|-----------|------------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 6.6155 mL | 33.0775 mL | 66.1551 mL |
| 5 mM | 1.3231 mL | 6.6155 mL | 13.2310 mL |
| 10 mM | 0.6616 mL | 3.3078 mL | 6.6155 mL |

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

BIOLOGICAL ACTIVITY

Description

2-(Methylamino)benzoic acid is the main metabolite of methyl-N-methylantranilates (MMA) (HY-76705) and is the compound in which the ester group is converted. MMA can be isolated from citrus fruits and has potential analgesic activity. 2-(Methylamino)benzoic acid was used to detect the metabolic levels of MMA in rat liver^[1].

REFERENCES

[1]. Miltojević AB, et al. Distribution of methyl and isopropyl N-methylantranilates and their metabolites in organs of rats treated with these two essential-oil constituents. Food Chem Toxicol. 2019 Jun;128:68-80.

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

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