



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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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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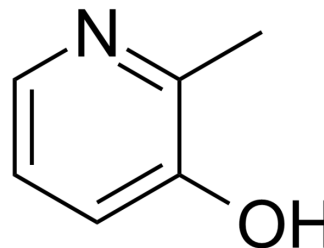
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3-Hydroxy-2-methylpyridine

| | |
|--------------------|--|
| Cat. No.: | HY-W002339 |
| CAS No.: | 1121-25-1 |
| Molecular Formula: | C ₆ H ₇ NO |
| Molecular Weight: | 109.13 |
| Target: | DNA/RNA Synthesis |
| Pathway: | Cell Cycle/DNA Damage |
| Storage: | 4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (916.34 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 9.1634 mL | 45.8169 mL | 91.6338 mL |
| | 5 mM | 1.8327 mL | 9.1634 mL | 18.3268 mL |
| | 10 mM | 0.9163 mL | 4.5817 mL | 9.1634 mL |

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

BIOLOGICAL ACTIVITY

Description

3-Hydroxy-2-methylpyridine, isolated from alkaline extracts of cocoa, is used in the synthesis of pyrimidine^[1].

REFERENCES

[1]. Gottfried Ziegler, et al. Composition of flavor extracts of raw and roasted cocoas. Zeitschrift für Lebensmittel-Untersuchung und Forschung volume 192, pages521–525(1991).

[2]. S M Bromidge, et al. 1-[2-[(Heteroaryloxy)heteroaryl]carbamoyl]indolines: novel and selective 5-HT_{2C} receptor inverse agonists with potential as antidepressant/anxiolytic agents. Bioorg Med Chem Lett. 2000 Aug 21;10(16):1863-6.

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

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