SZABO SCANDIC

Part of Europa Biosite

# 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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# Diphenylmethanimine

**Cat. No.:** HY-W007616

**CAS No.:** 1013-88-3

**Molecular Formula:** $C_{13}H_{11}N$

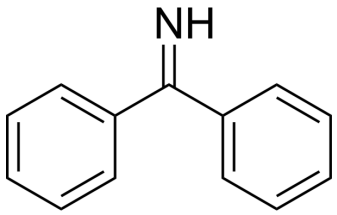
**Molecular Weight:** 181.23

**Target:** Biochemical Assay Reagents

**Pathway:** Others

**Storage:**

| | | |
|---|---|---|
| Pure form | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |




## SOLVENT & SOLUBILITY

**In Vitro**

DMSO : ≥ 100 mg/mL (551.79 mM)

* "≥" means soluble, but saturation unknown.

**Preparing Stock Solutions**

| Solvent / Mass / Concentration | 1 mg | 5 mg | 10 mg |
|---|---|---|---|
| 1 mM | 5.5179 mL | 27.5893 mL | 55.1785 mL |
| 5 mM | 1.1036 mL | 5.5179 mL | 11.0357 mL |
| 10 mM | 0.5518 mL | 2.7589 mL | 5.5179 mL |

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

## BIOLOGICAL ACTIVITY

**Description**

Diphenylmethanimine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

**In Vitro**

Useful in the preparation of nitrogen ylide dimers.Benzophenone imine as ammonia surrogate. As intermediate material for synthesis of organic chemicals. Catalytic enantioselective alkylation of the benzophenone imine of glycine t-butyl ester using phosphazene (Sch wesinger) bases and chiral quaternary ammonium salts yields either enantiomer of amino acid derivatives in excellent yield.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.



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