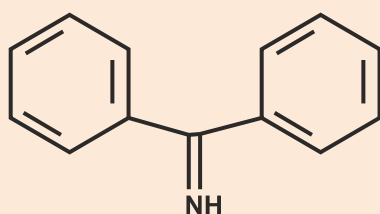




BENZOPHENONEIMINE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

Benzophenoneimine

Product Code	: 003181
CAS No.	: 1013-88-3
HS Code	: 2925.29.90
Molecular formula	: C ₁₃ H ₁₁ N
Molecular weight	: 181.230

3. SPECIFICATION

Physical Appearance	: Yellow to Green Colour Liquid
Moisture Content (KF)	: NMT 0.5%
Impurity Benzophenone (GC)	: NMT 5%
Impurity Benzonitrile (GC)	: NMT 0.2%
Single Unknown Impurity By GC	: NMT 0.5%
Purity By GC	: Between 92% to 95%

4. APPLICATION

- Used in Fine chemical for industrial application.
- It is Intermediate of Alpaviroc API exhibit Antagonist.
- Benzophenone imine is widely used as a reagent for the protection of primary amines, and the starting materials to synthesize aniline.
- As intermediate material for synthesis of organic chemicals. Catalytic enantioselective alkylation of the benzophenone imine of glycine t-butyl ester using phosphazene (Schwesinger) bases and chiral quaternary ammonium salts yields either enantiomer of amino acid derivatives in excellent yield.
- Useful in the preparation of nitrile yield dimmers.

Disclaimer

Typical properties should not be considered as specification.
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.
Products will not be supplied to countries where they could be in conflict with existing patents.
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)
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BENZOPHENONEIMINE

5. HAZARD CLASSIFICATION : Non- Hazardous substance.



Irritant

6. CAPACITY : 24 MT Per Year.

7. STORAGE CONDITION : Store in closed container at cool and dry place. Avoid direct sun light.
Product is moisture sensitive. Avoid exposure to air and moisture.

8. PACKING DETAILS : 200 kg in steel barrel.

9. SHELF LIFE : 1 year in closed container.

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