

■2,2,6,6-Tetramethylpiperidine

Introduction

2,2,6,6-Tetramethylpiperidine or TMP or HTMP is an organic compound of the amine class. In appearance, it is a colorless liquid and has a "fishy", amine-like odor. This amine is used in chemistry as a hindered base (hindered amine) because it can dissolve in organic solvents unlike inorganic bases such as potassium hydroxide. There are many ways to synthesis TMP. One method starts with a conjugate addition reaction of ammonia to phorone. The intermediate triacetone amine is then reduced in a Wolff-Kishner reaction.

Ingredient

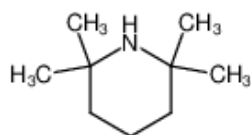
Product Name 2,2,6,6-Tetramethylpiperidine

CAS 768-66-1

MF C₉H₁₉N

MW 141.25400

MS

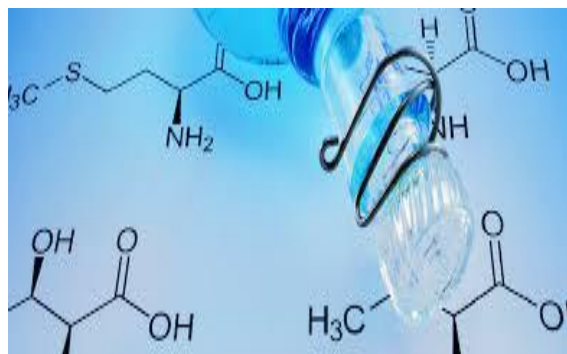


Item and Standard

ITEM	UNIT	STANDARD
Appearance		Colorless or light yellow liquid
Purity(GC)	%	≥98.0%
Moisture	%	≤0.5%
Boiling point		152°C

Application

2,2,6,6-Tetramethylpiperidine is used in the syntheses of HMP-Y1, Hibarimicinone and HMP-P1, tyrosine kinase inhibitors.



Packaging

25kg

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.