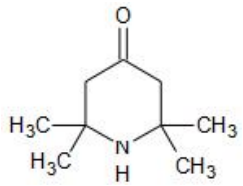
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2,2,6,6-tetramethyl-4-piperidone (TAA)

TAA serves as a key intermediate for the synthesis of hindered amine photostabilizers and is also widely utilized in the pharmaceutical industry.

1. Product physicochemical properties

1.1 Product basic information

Project	Content
Chemical name	2,2,6,6-tetramethyl-4-piperidone
CAS number	826-36-8
Molecular structure	
Formula weight	155.24

1.2 Technical parameter

Test item	Parameter
Appearance	Pale yellow to reddish-brown melt
Content %	≥97.0
Ash %	≤0.1
Melting range ℃	35-43
Moisture content %	≤0.5

1.3 Solubility (20 °C, g/100 mL solvent)

Solvent	Solubility
Isopropanol	36g
Alcohol	50.0g
Methanol	> 62.0g
Pure water	24.9g

2. Operation and safety

1. This product is a general-purpose plastic additive; it can be handled in accordance with standard chemical raw material operating procedures;

2. Avoid generating large amounts of dust; ensure the workshop is well-ventilated and kept away from open flames and high-temperature heat sources;

3. Personal protection: Wear a dust-proof mask and nitrile protective gloves;

4. For complete information on first aid, leakage, storage, and transportation, and hazards, please refer to the accompanying safety data sheet (SDS).

3. Storage and transportation

1. Store in a cool, dry, and well-ventilated warehouse; avoid direct sunlight, exposure to rain, and moisture.

2. Store separately from strong oxidizing agents, strong acids, and strong alkalis;

3. The original factory-sealed product has a shelf life of 6 months at room temperature; use it as soon as possible after opening to prevent moisture absorption and clumping.