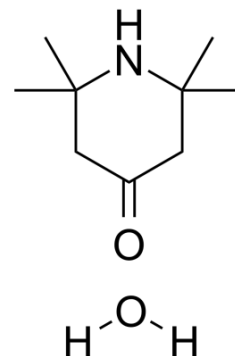


Triacetoneamine monohydrate

Cat. No.:	HY-N1131B
CAS No.:	10581-38-1
Molecular Formula:	C ₉ H ₁₉ NO ₂
Molecular Weight:	173.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Triacetoneamine (2,2,6,6-Tetramethyl-4-piperidone) monohydrate is used as an intermediate for the synthesis of pharmaceutical products, pesticides and photostabilizers for polymers. Triacetoneamine monohydrate is an artifact of plant and fungal extracts using acetone and ammonium hydroxide or natural occurrence of ammonium salts in various steps of the isolation procedures. Triacetoneamine monohydrate is the main component of the pyrolysis oil^[1].

REFERENCES

[1]. Cao JP, et al. Triacetoneamine formation in a bio-oil from fast pyrolysis of sewage sludge using acetone as the absorption solvent. *Bioresour Technol.* 2010;101(11):4242-4245.

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

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