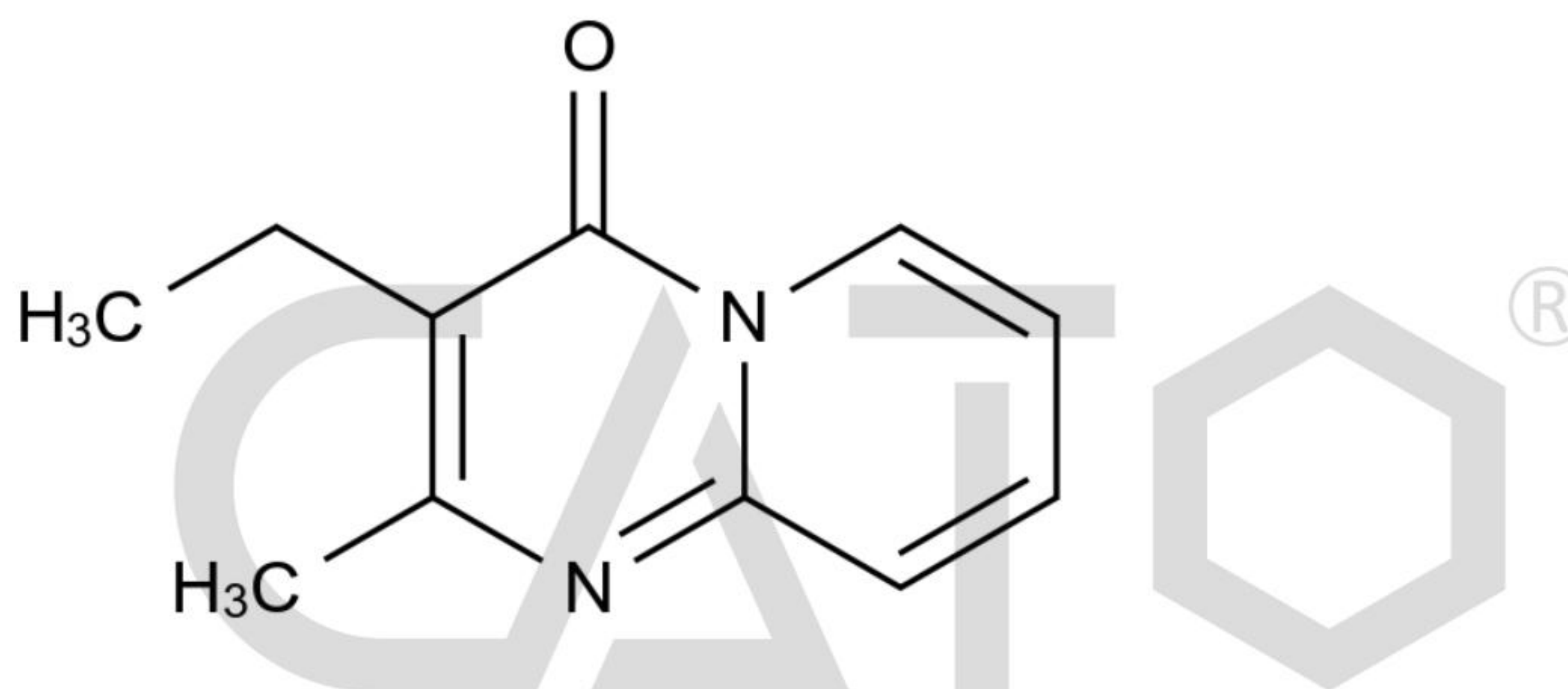


Certificate of Analysis

Reference Material & Standard

Product Name:	3-Ethyl-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one	Catalogue Number:	C1364517
Synonyms:	N/A	Lot Number:	0816-RH-0071
CAS Number:	16867-31-5	Expiry Date:	Aug 17, 2030
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	188.23	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.446%
Loss on Drying	TGA	2.1392%
Assay		97.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 18, 2026

Date: Aug 18, 2026

Date: Aug 18, 2026



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