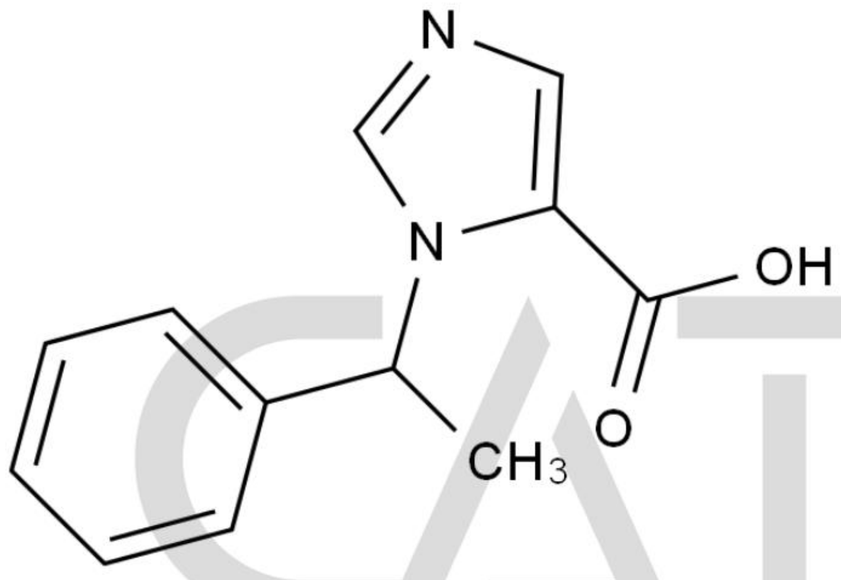
Certificate of Analysis

Reference Material & Standard

Product Name:	Etomidate EP Impurity A	**Catalogue Number:**	C4X-18849
Synonyms:	N/A	**Lot Number:**	1013-RH-0017
CAS Number:	3157-27-5	**Expiry Date:**	Oct 13, 2030
Molecular Formula:	$C_{12}H_{12}N_2O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	216.24	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.613%
Loss on Drying	TGA	7.0307%
Assay	Mass Balance	91.7%

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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: Alice Date: Oct 14, 2026

Reviewed by: Koi Date: Oct 14, 2026

Approved by General Manager: David Date: Oct 14, 2026

CATO Research Chemicals Inc.