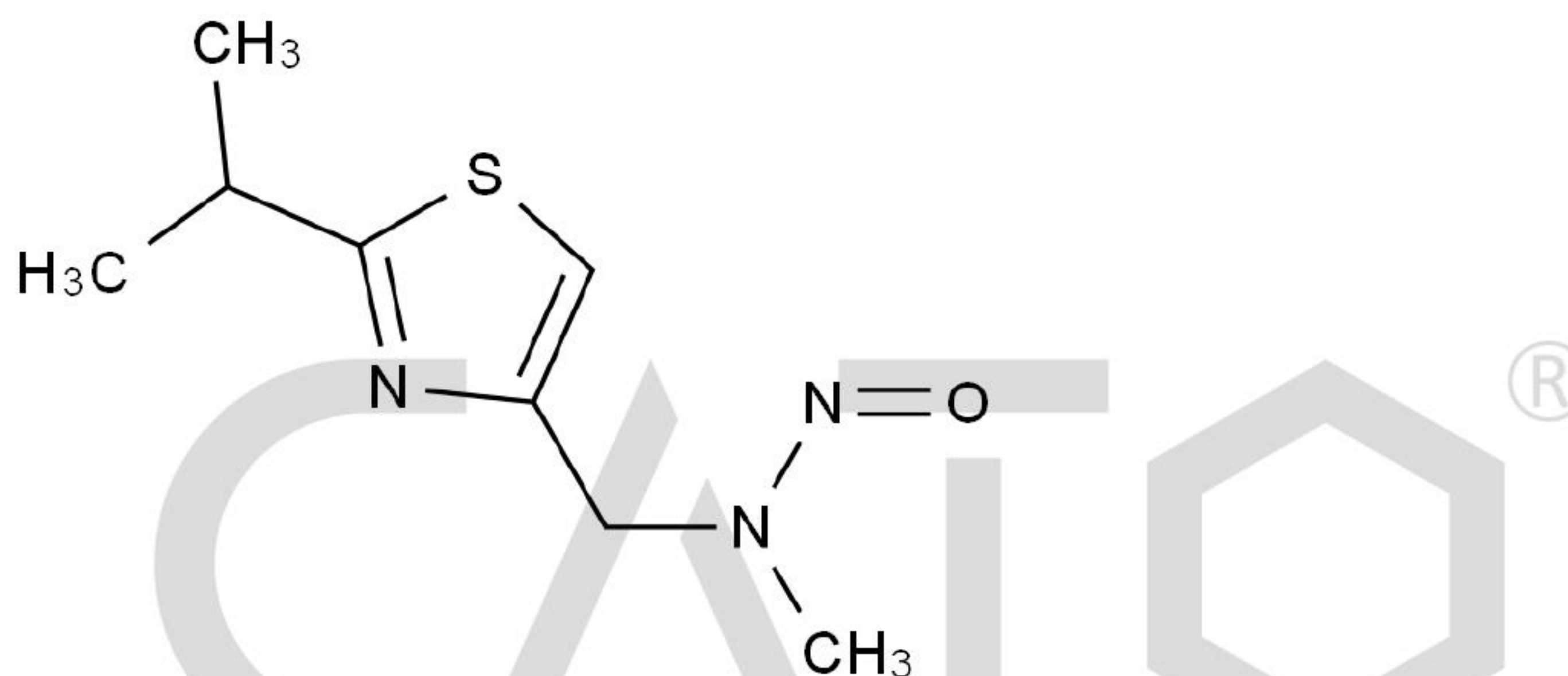


Certificate of Analysis

Reference Material & Standard

Product Name:	Ritonavir Impurity 47	Catalogue Number:	C4X-175147
Synonyms:	N/A	Lot Number:	0324-RG-0201
CAS Number:	3079775-24-6	Expiry Date:	May 15, 2028
Molecular Formula:	C ₈ H ₁₃ N ₃ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	199.27	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	3.9209%
Assay		96.1%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 16, 2025

Date: May 16, 2025

Date: May 16, 2025



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