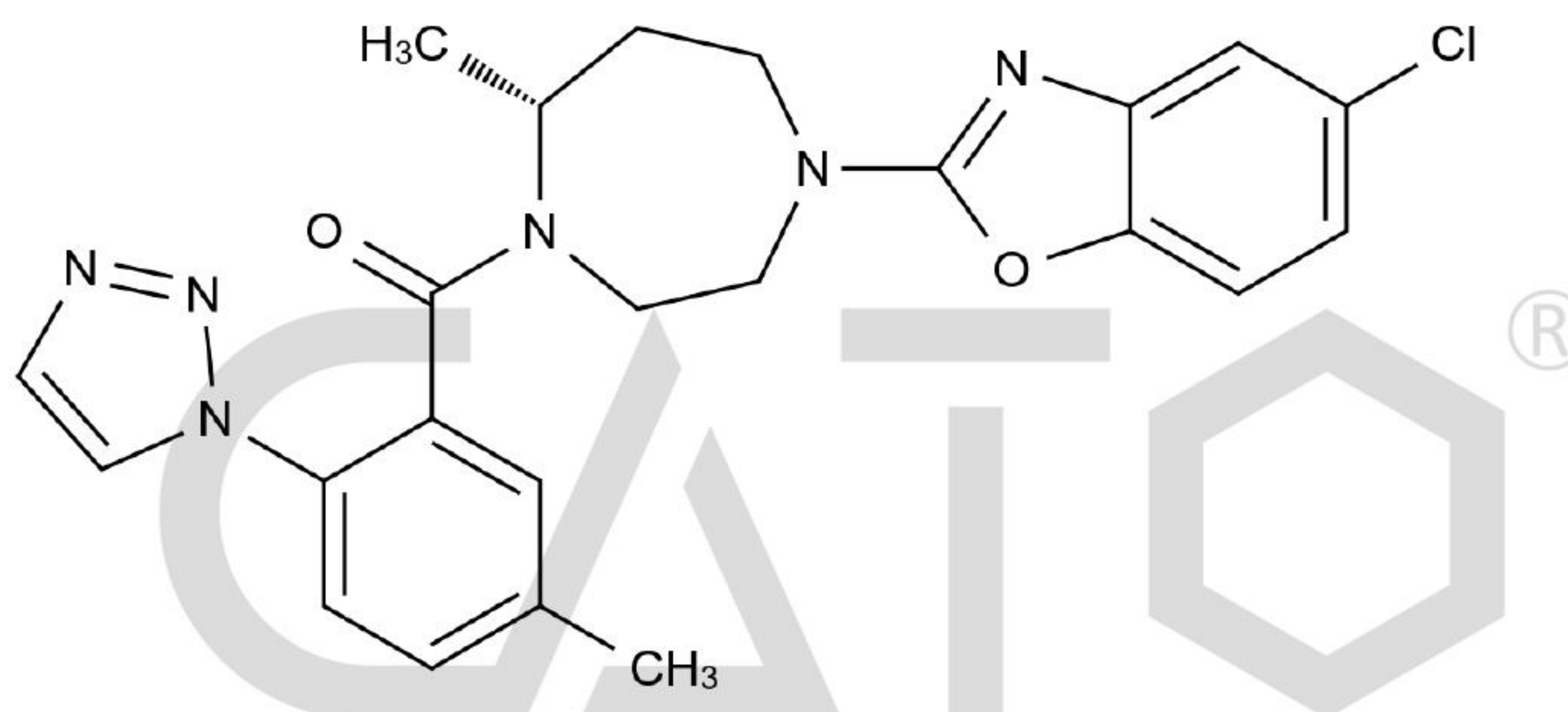


Certificate of Analysis

Reference Material & Standard

Product Name:	Suvorexant Impurity 19	Catalogue Number:	C4X-181219
Synonyms:	N/A	Lot Number:	0824-RH-0009
CAS Number:	2762965-03-5	Expiry Date:	Aug 26, 2030
Molecular Formula:	C ₂₃ H ₂₃ ClN ₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	450.92	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	96.412%
Residue on Ignition	TGA	1.6403%
Loss on Drying	TGA	3.5771%
Assay		91.4%

Comment:

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

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

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 27, 2026

Date: Aug 27, 2026

Date: Aug 27, 2026



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