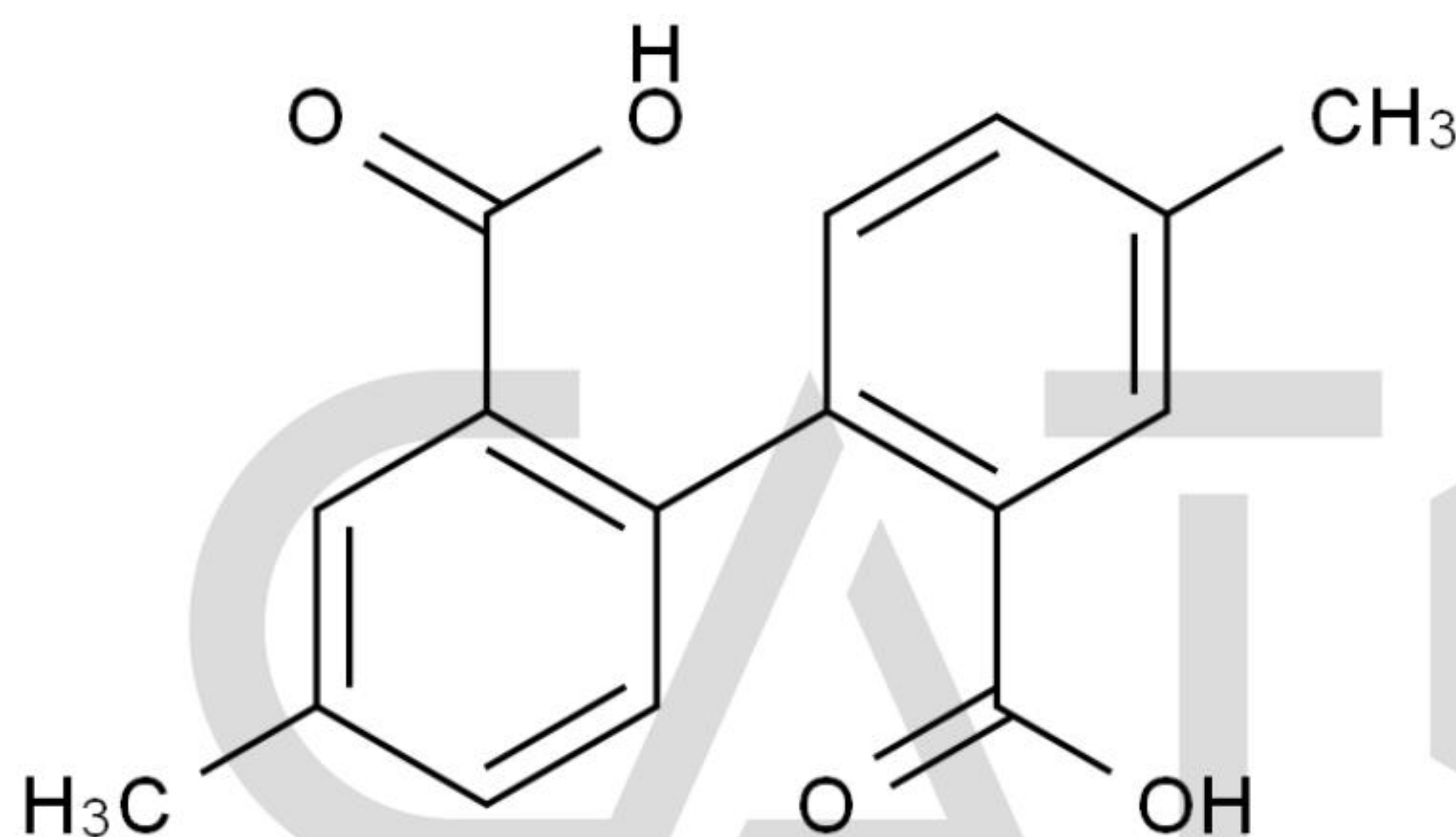


Certificate of Analysis

Reference Material & Standard

Product Name:	Suvorexant Impurity 14	Catalogue Number:	C4X-181214
Synonyms:	N/A	Lot Number:	1030-RG-0019
CAS Number:	2941-79-9	Expiry Date:	Oct 30, 2029
Molecular Formula:	C ₁₆ H ₁₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	270.28	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	97.504%
Loss On Drying	TGA	0.0520%
Assay		97.5%

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: Oct 31, 2025

Date: Oct 31, 2025

Date: Oct 31, 2025



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