

Certificate of Analysis

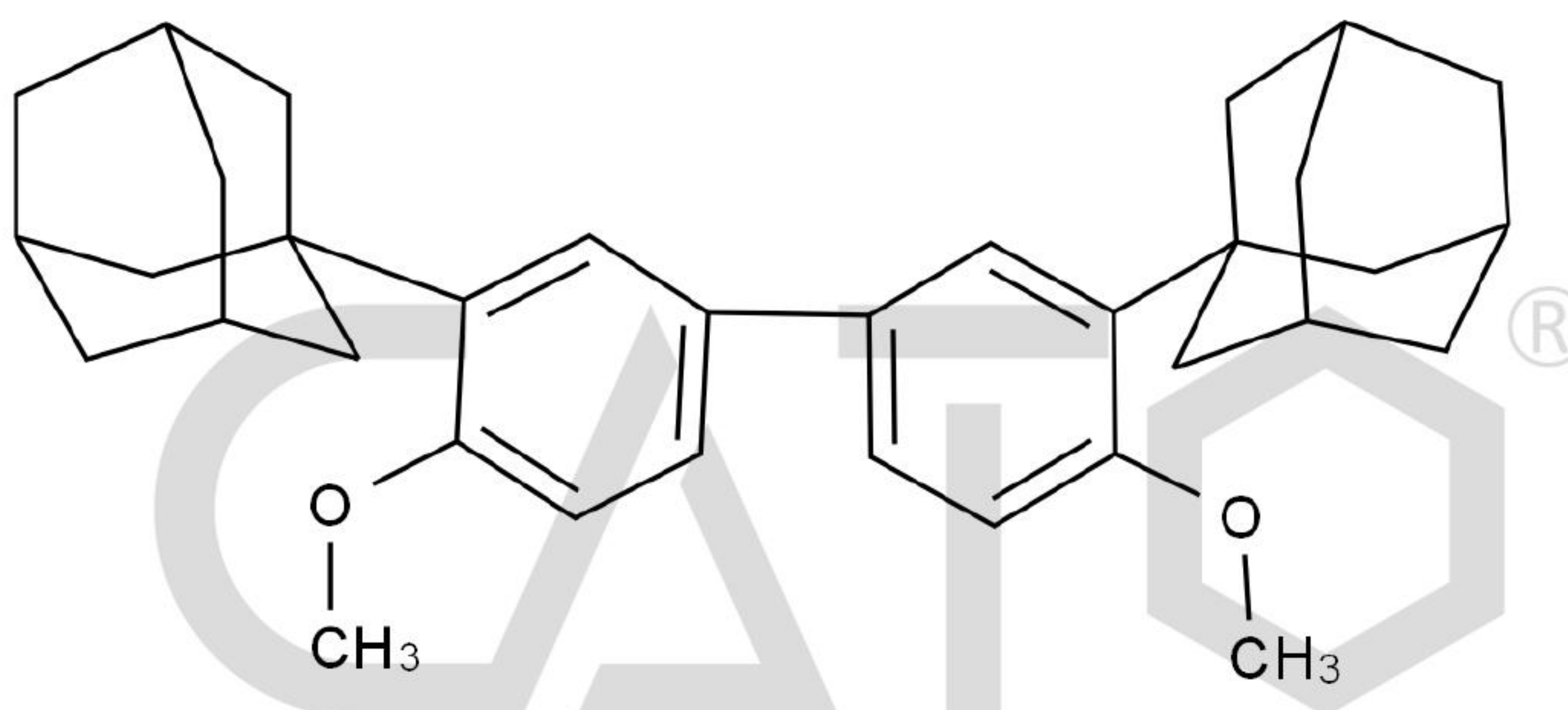
Reference Material & Standard

Product Name:	Adapalene EP Impurity D	Catalogue Number:	C4X-18093
Synonyms:	N/A	Lot Number:	0106-RH-0054
CAS Number:	932033-57-3	Expiry Date:	May 20, 2029
Molecular Formula:	C ₃₄ H ₄₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	482.70	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HRMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.077%
Loss On Drying	TGA	0.3185%
Assay		98.8%

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:

Reviewed by:

Approved by General Manager:

Date: Jan 07, 2026

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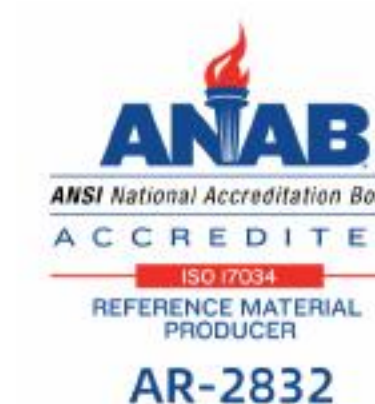
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Page 1 of 8



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