

Certificate of Analysis

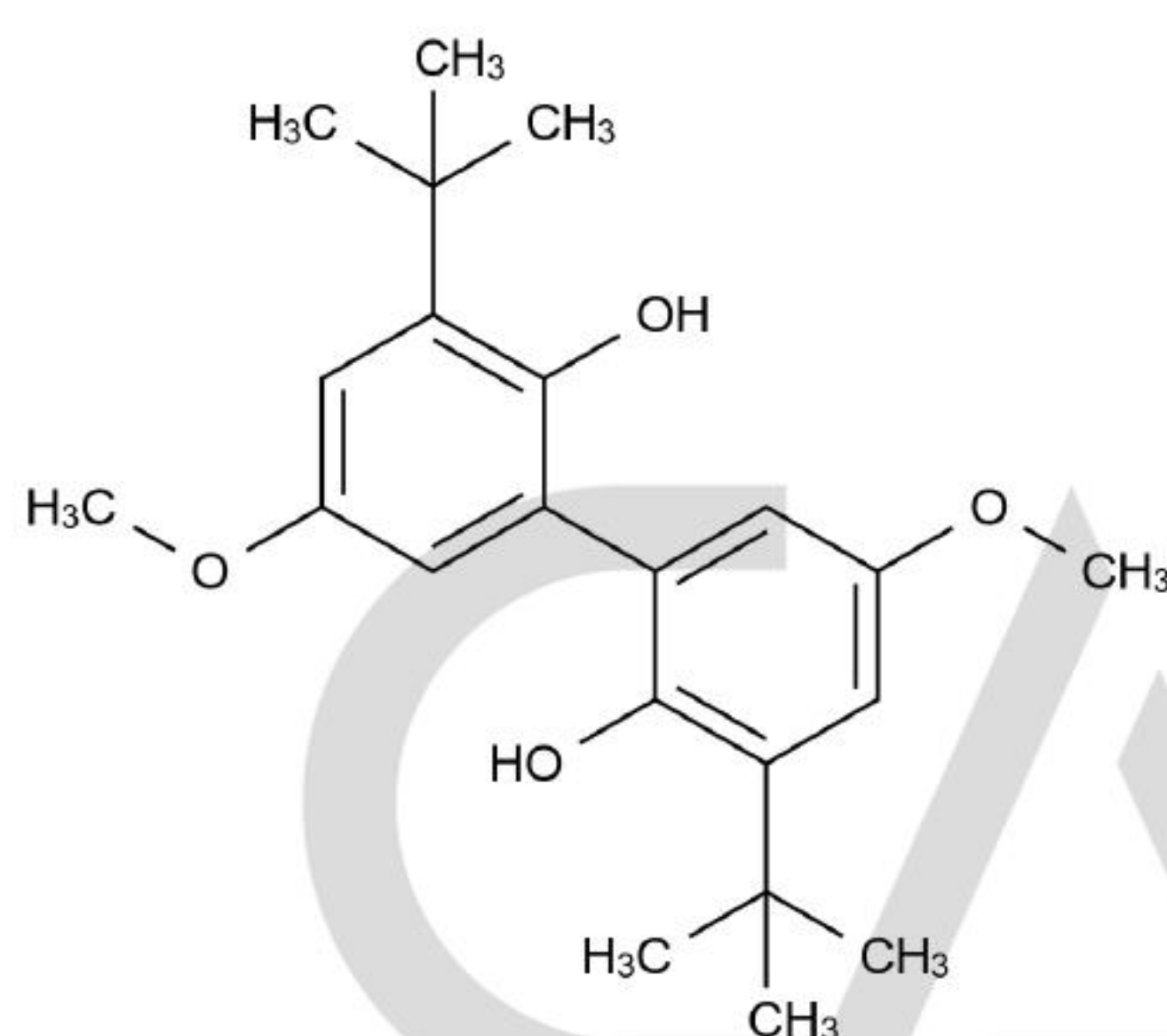
Reference Material & Standard

Product Name:	3,3'-di-tert-Butyl-5,5'-dimethoxybiphenyl-2,2'-diol	Catalogue Number:	C1282440
Synonyms:	N/A	Lot Number:	0728-RG-0016
CAS Number:	14078-41-2	Expiry Date:	Jul 28, 2029
Molecular Formula:	C ₂₂ H ₃₀ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	358.47		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.177%
Loss On Drying	TGA	0.3228%
Assay		97.9%

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: Jul 29, 2025

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