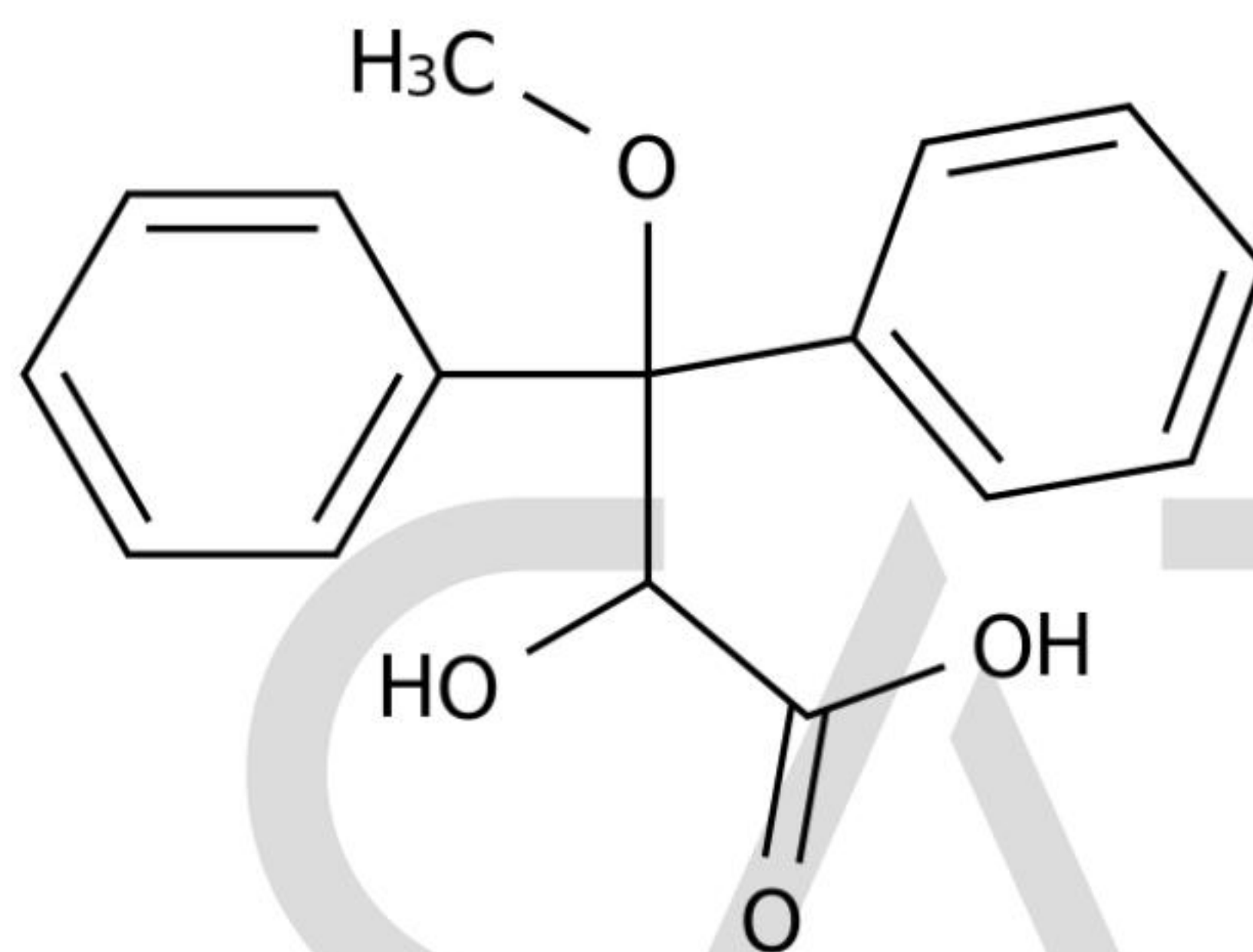


Certificate of Analysis

Reference Material & Standard

Product Name:	Ambrisentan Impurity 5	Catalogue Number:	C4X-12465
Synonyms:	2-hydroxy-3-methoxy-3,3-diphenyl-propionic acid	Lot Number:	0725-RF-0014
CAS Number:	178306-51-9	Expiry Date:	Jul 28, 2027
Molecular Formula:	C ₁₆ H ₁₆ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	272.30	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.771%
Loss On Drying	TGA	0.0476%
Assay		99.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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, 2024

Date: Jul 29, 2024

Date: Jul 29, 2024

