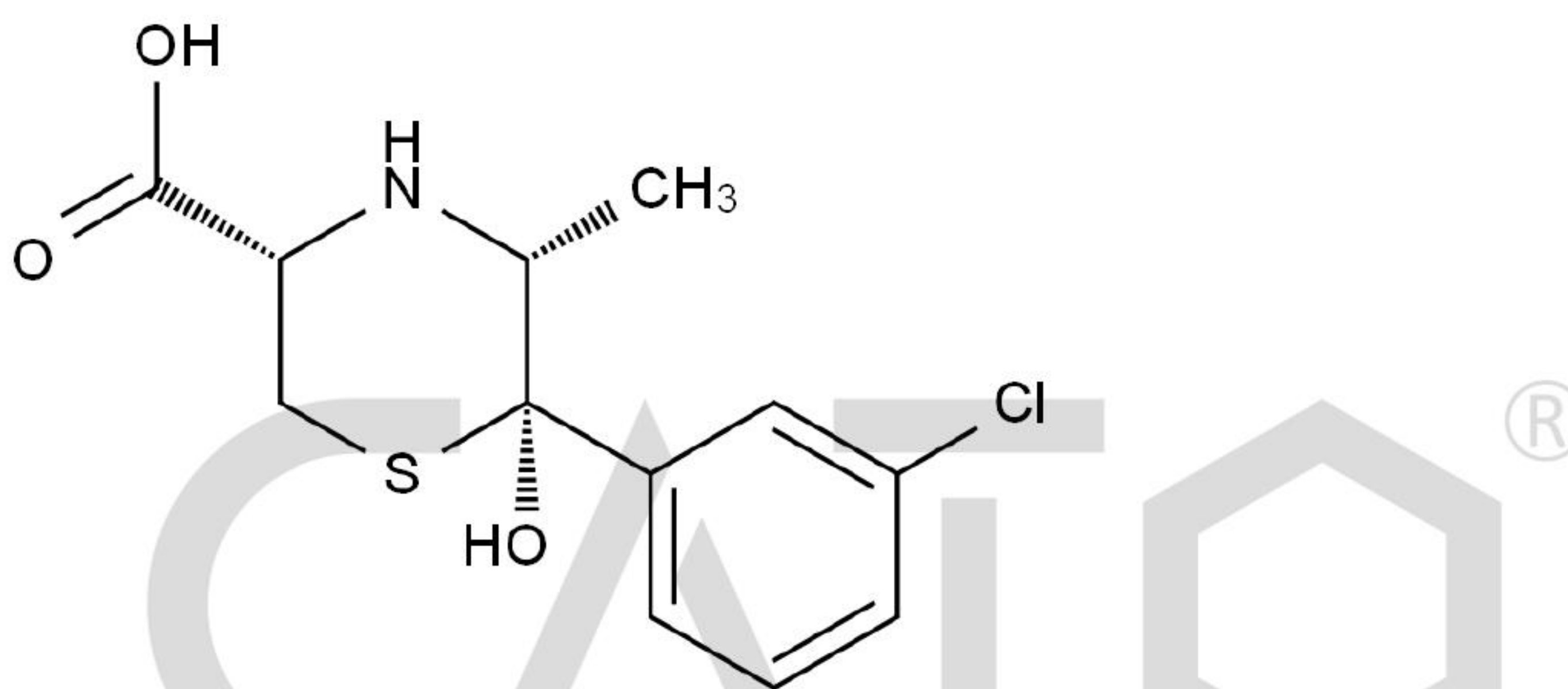


Certificate of Analysis

Reference Material & Standard

Product Name:	Bupropion Impurity 22	Catalogue Number:	C4X-120322
Synonyms:	S,R,R-Thiomorpholine derivative	Lot Number:	0102-RG-0037
CAS Number:	2133460-43-0	Expiry Date:	Jan 05, 2028
Molecular Formula:	C ₁₂ H ₁₄ ClNO ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	287.76		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.359%
Loss On Drying	TGA	2.1933%
Assay		96.2%

Comment:

The calculation of the 100% 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: Jan 06, 2025

Date: Jan 06, 2025

Date: Jan 06, 2025

