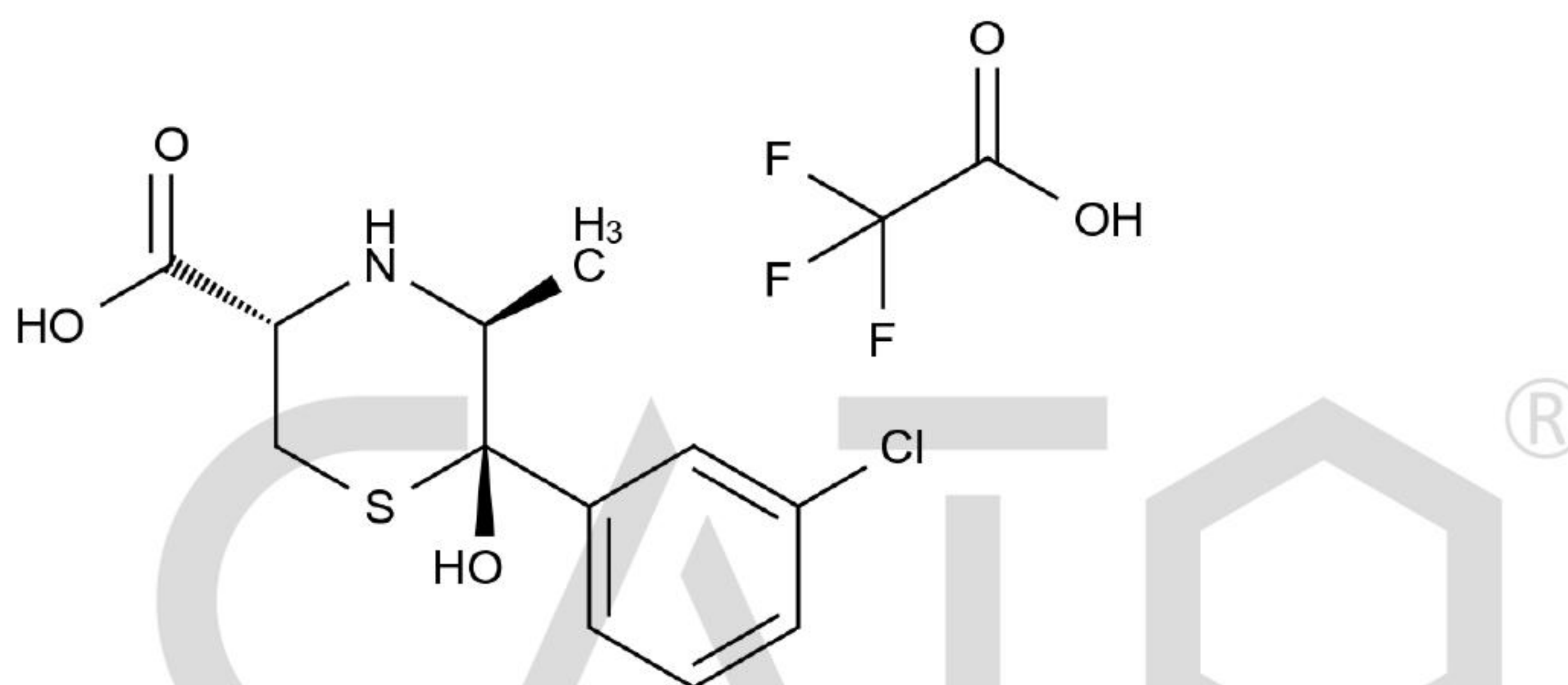


Certificate of Analysis

Reference Material & Standard

Product Name:	Bupropion impurity 70	Catalogue Number:	C4X-120370
Synonyms:	N/A	Lot Number:	0424-RG-0054
CAS Number:	2133460-42-9(free base)	Expiry Date:	Apr 22, 2028
Molecular Formula:	C ₁₂ H ₁₄ ClNO ₃ S C ₂ HF ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	287.76 114.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.9187%
Loss On Drying	TGA	2.766%
Assay		93.3%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 25, 2025

Date: Apr 25, 2025

Date: Apr 25, 2025

