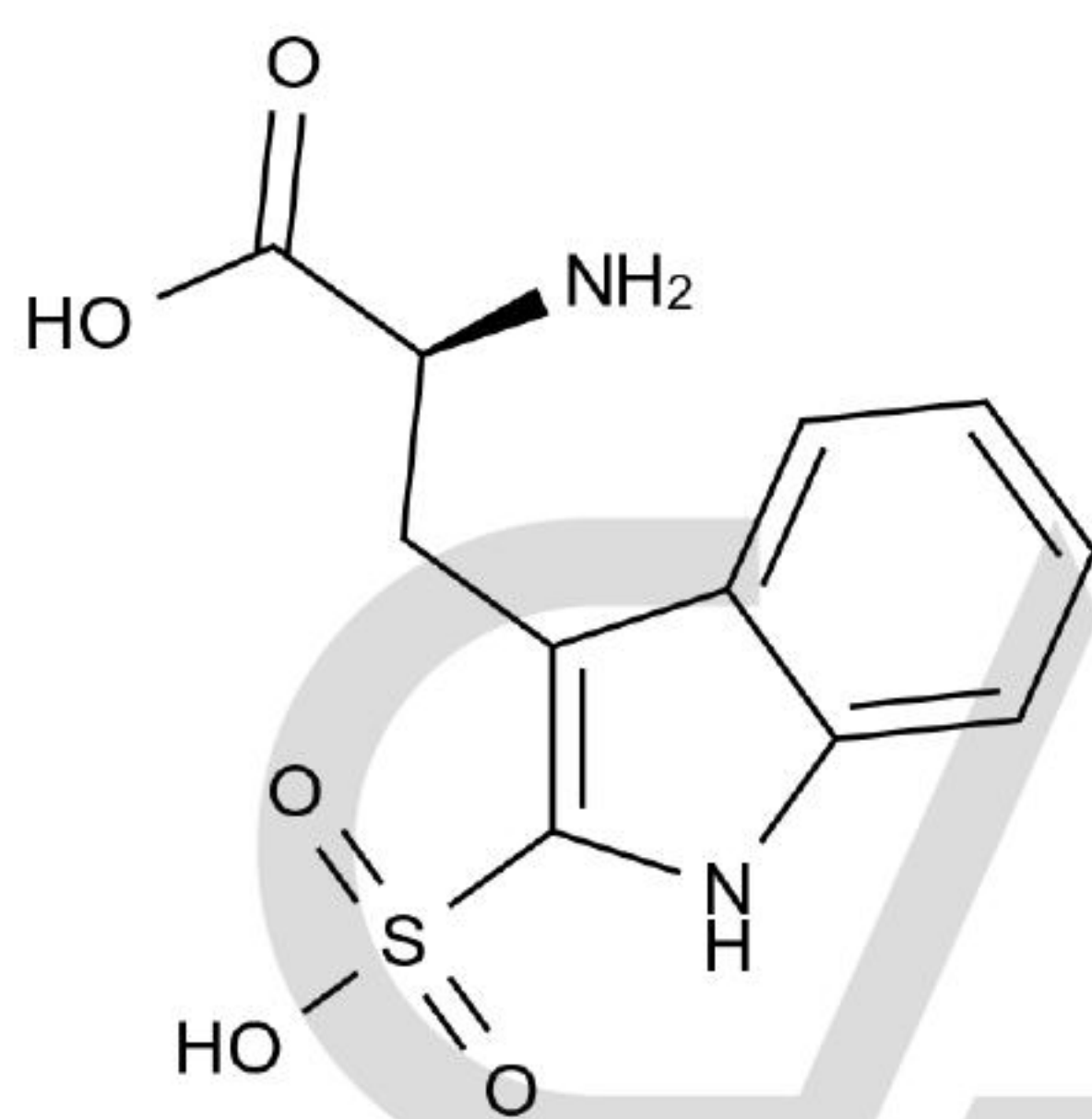


Certificate of Analysis

Reference Material & Standard

Product Name:	Tryptophan Impurity 45	Catalogue Number:	C4X-137345
Synonyms:	N/A	Lot Number:	1217-RG-0057
CAS Number:	2306500-72-9	Expiry Date:	Dec 18, 2029
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	284.29	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	96.5%
Assay	qNMR	92.3%

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 08, 2026

Date: Apr 08, 2026

Date: Apr 08, 2026



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