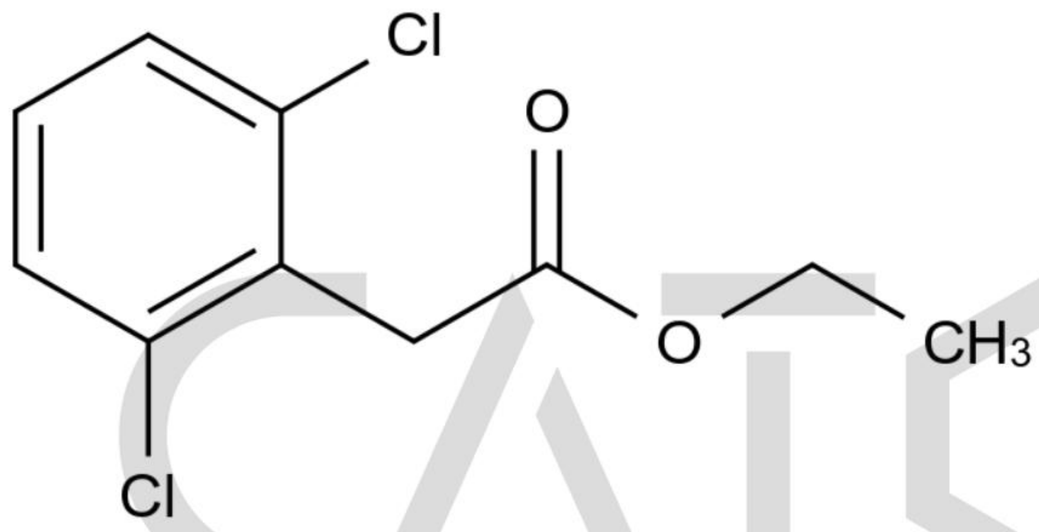
Certificate of Analysis

Reference Material & Standard

Product Name:	Guanfacine Impurity 6	**Catalogue Number:**	C4X-19756
Synonyms:	N/A	**Lot Number:**	1103-RH-0071
CAS Number:	90793-64-9	**Expiry Date:**	Oct 29, 2030
Molecular Formula:	$C_{10}H_{10}Cl_2O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	233.09	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.429%
Loss on Drying	TGA	4.2229%
Assay	Mass Balance	95.2%

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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: Koi Date: Nov 06, 2026

Reviewed by: Alice Date: Nov 06, 2026

Approved by General Manager: David Date: Nov 06, 2026

CATO Research Chemicals Inc.