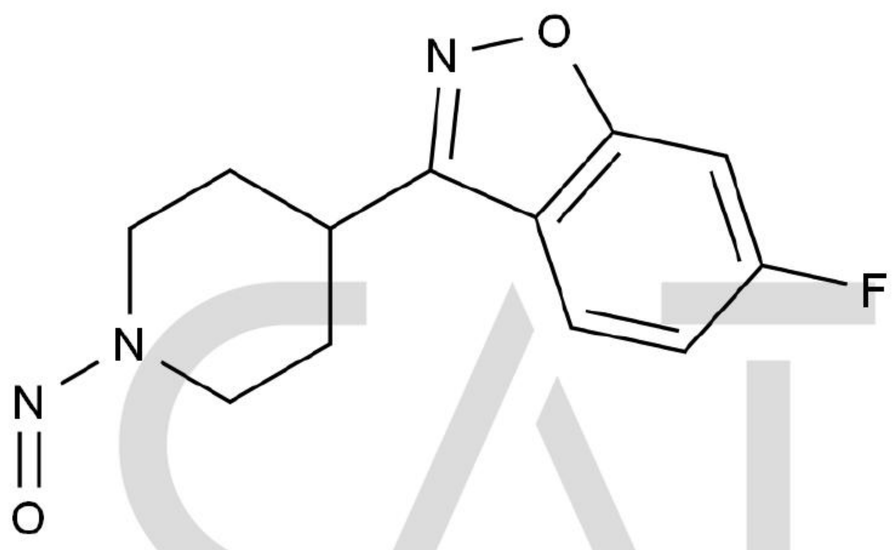
Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso Risperidone EP Impurity M	**Catalogue Number:**	C4X-172479
Synonyms:	N/A	**Lot Number:**	1009-RH-0029
CAS Number:	2416230-38-9	**Expiry Date:**	Oct 12, 2030
Molecular Formula:	$C_{12}H_{12}FN_3O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	249.24	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	97.0%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Oct 13, 2026

Reviewed by: Koi Date: Oct 13, 2026

Approved by General Manager: David Date: Oct 13, 2026

CATO Research Chemicals Inc.