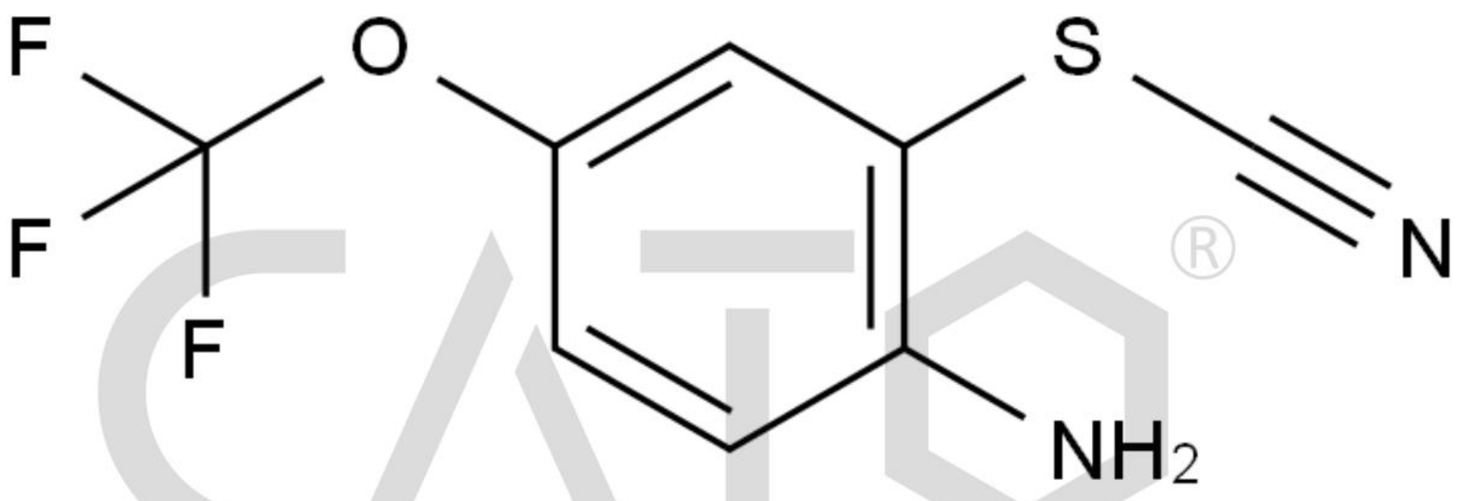
Certificate of Analysis

Reference Material & Standard

Product Name:	Riluzole Impurity 8	**Catalogue Number:**	C4X-20098
Synonyms:	N/A	**Lot Number:**	1012-RH-0048
CAS Number:	1391054-04-8	**Expiry Date:**	Oct 11, 2030
Molecular Formula:	$C_8H_5F_3N_2OS$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	234.20	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.7456%
Loss on Drying	TGA	0.939%
Assay	Mass Balance	96.8%

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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: Date: Oct 20, 2026

Reviewed by: Date: Oct 20, 2026

Approved by General Manager: Date: Oct 20, 2026

CATO Research Chemicals Inc.