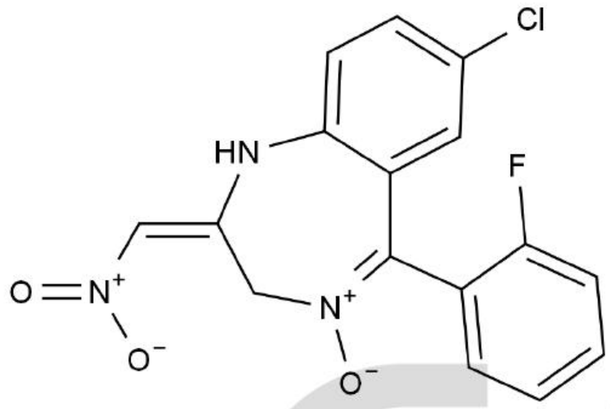
Certificate of Analysis

Reference Material & Standard

Product Name:	(E)-7-chloro-5-(2-fluorophenyl)-2-(nitromethylene)-2,3-dihydro-1H-benzo[e][1,4]diazepine 4-oxide	**Catalogue Number:**	C4X-150912
Synonyms:	N/A	**Lot Number:**	1018-RF-0088
CAS Number:	60656-76-0	**Expiry Date:**	Oct 22, 2027
Molecular Formula:	$C_{16}H_{11}ClFN_3O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.73	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.615%
Loss on Drying	TGA	0.6846%
Assay		98.9%

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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: Dec 10, 2024

Reviewed by: Lisa Date: Dec 10, 2024

Approved by General Manager: David Date: Dec 10, 2024

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