Certificate of Analysis

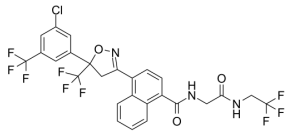
Afoxolaner

Cat. No.:	HY-16974
CAS No.:	1093861-60-9
Batch No.:	59944
Chemical Name:	1-Naphthalenecarboxamide, 4-[5-[3-chloro-5-(trifluoromethyl)phenyl]-4,5-dihydro-5-(trifluoromethyl)-3-isoxazolyl]-N-[2-oxo-2-[(2,2,2-trifluoroethyl)amino]ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{26}H_{17}ClF_9N_3O_3$		
Molecular Weight:	**625.87**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	**99.62%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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