Certificate of Analysis

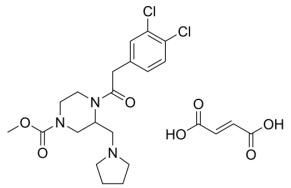
GR 89696

Cat. No.:	HY-107747
CAS No.:	126766-32-3
Batch No.:	263105
Chemical Name:	1-Piperazinecarboxylic acid, 4-[2-(3,4-dichlorophenyl)acetyl]-3-(1-pyrrolidinylmethyl)-, methyl ester, (2E)-2-butenedioate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{23}H_{29}Cl_2N_3O_7$		
Molecular Weight:	**530.40**		
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)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**99.88%**
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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