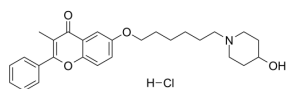


Certificate of Analysis

Product Name:	Sigma-LIGAND-1 (hydrochloride)
Cat. No.:	CS-0437619
CAS No.:	139652-86-1
Batch No.:	241381
Chemical Name:	4H-1-Benzopyran-4-one, 6-[[6-(4-hydroxy-1-piperidiny)hexyl]oxy]-3-methyl-2-phenyl-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₇ H ₃₄ ClNO ₄
Molecular Weight:	472.02
Storage:	2-8°C, sealed storage, away from moisture
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.13%
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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