Certificate of Analysis

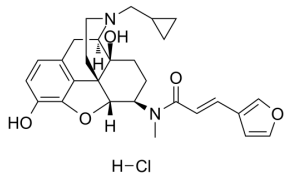
Nalfurafine (hydrochloride)

Cat. No.:	HY-12745A
CAS No.:	152658-17-8
Batch No.:	16639
Chemical Name:	2-Propenamide, N-[(5α,6β)-17-(cyclopropylmethyl)-4,5-epoxy-3,14-dihydroxymorphinan-6-yl]-3-(3-furanyl)-N-methyl-, hydrochloride (1:1), (2E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{28}H_{33}ClN_2O_5$		
Molecular Weight:	513.03		
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):	99.93%
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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