

Specification

Technical Data Sheet

CAS 357-08-4	STORAGE Ambient	MOLECULAR WEIGHT 363.8353
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PRODUCT**Naloxone hydrochloride**

Product number	89987071
CAS number	357-08-4
Molecular formula	C19H21NO4 · HCl
Molecular weight	363.8353 g/mol

PARAMETER	SPECIFICATION
Appearance	White solid
Purity	≥ 99.0%
Melting Point	138 °C
Carbon (C)	58.30%
Hydrogen (H)	6.36%
Nitrogen (N)	3.33%
Solubility	Soluble in water at 15.0 mg/ml and DMSO at 20.0 mg/ml
TLC	Rf: 0.73 (DCM: MeOH: NH3 20: 1: 0.1)
Identification (MS)	Consistent with structure
Identification (NMR)	Consistent with structure

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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