



## Certificate of Analysis

Product Name	Loperamide HCl (R-18553)
Catalog No.	V1273
Batch No.	V127301

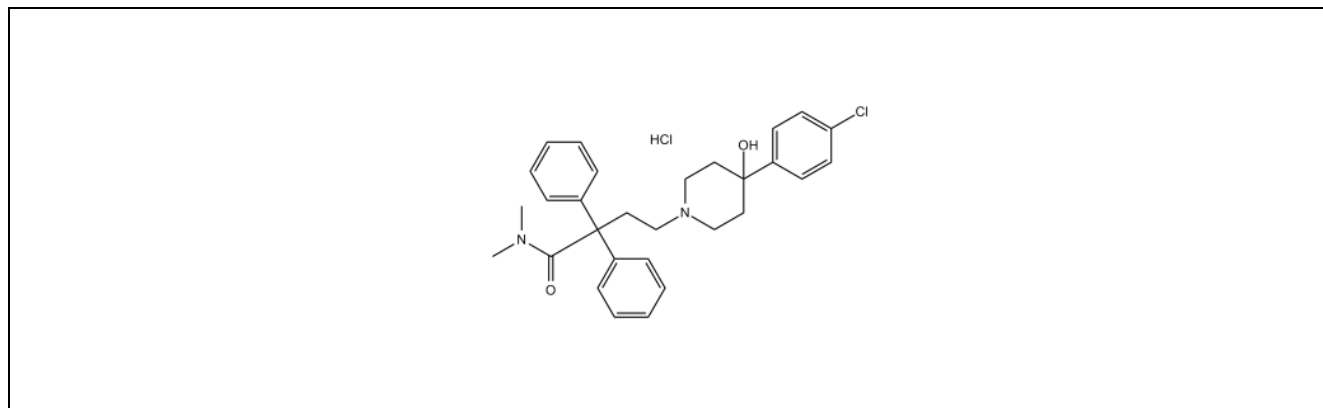
### 1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C <sub>29</sub> H <sub>33</sub> ClN <sub>2</sub> O <sub>2</sub> .HCl
Molecular Weight	513.5
Purity	≥98%
CAS No.	34552-83-5
Production Date	03/16/2022

### 2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

### 3. Structure



### 4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use