



Certificate of Analysis

Product Name	Givinostat HCl monohydrate (ITF-2357; Gavinostat)
Catalog No.	V0289
Batch No.	V028903

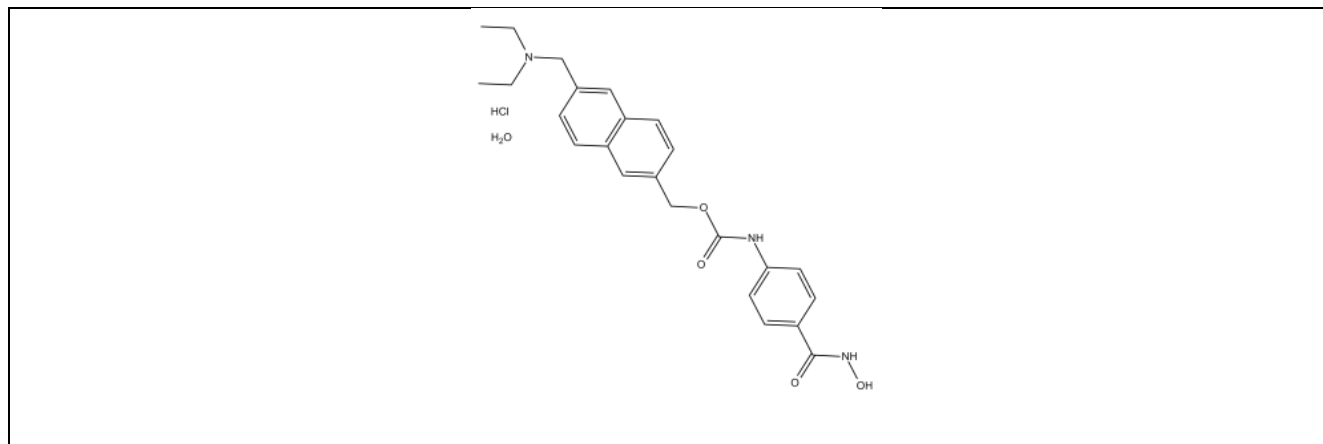
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₄ H ₂₇ N ₃ O ₄ .HCl.H ₂ O
Molecular Weight	475.97
Purity	≥98%
CAS No.	732302-99-7
Production Date	02/27/2021

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