

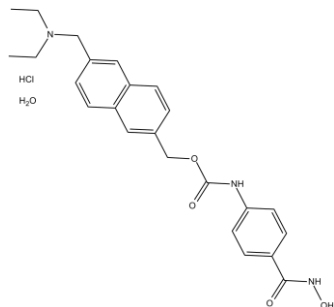
Certificate of Analysis

Product Name: ITF2357 (Givinostat)
Cat. No.: GC17836
Batch No.: GC178361
Chemical Name: (6-((diethylamino)methyl)naphthalen-2-yl)methyl (4-(hydroxycarbonyl)phenyl)carbamate hydrochloride hydrate

PHYSICAL AND CHEMICAL PROPERTIES

Cas No.: 732302-99-7
Molecular Formula: $C_{24}H_{27}N_3O_4 \cdot HCl \cdot H_2O$
Molecular Weight: 475.97
Storage: Powder -80°C 2 years
 -20°C 1 year
 In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
HPLC: Consistent with structure
Purity (HPLC): 98.00%
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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