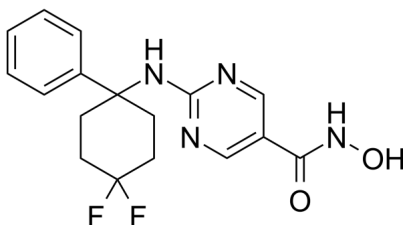


## Certificate of Analysis

Catalog Number	BP13660
Product Name	ACY-1083

## Physical and Chemical Properties

CAS No.	1708113-43-2
Chemical Formula	C <sub>17</sub> H <sub>18</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight	348.354
Solubility	DMSO: 100 mg/mL (287.07 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	ACY-1083 is a selective and brain-penetrating HDAC6 inhibitor (IC <sub>50</sub> : 3 nM). It is 260-fold more selective for HDAC6 than all other classes of HDAC isoforms. ACY-1083 effectively reverses chemotherapy-induced peripheral neuropathy.
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Targets&IC50	HDAC6:3 nM
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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