Creative Enzymes®

MC1568

Cat. No. CEI-1415

Lot. No. (See product label)

Introduction

Description	MC1568 is a selective inhibitor of HDAC for maize HD1-A with IC50 of 100 nM. It is 34-fold more selective for HD1-A than HD1-B.
Synonyms	MC 1568, MC-1568

Product Information

CAS No.	852475-26-4
Molecular Formula	C17H15FN2O3
Chemical Name	(E)-3-[4-[(E)-3-(3-fluorophenyl)-3-oxoprop-1-enyl]-1-methylpyrrol-2-yl]-N-hydroxyprop-2-enamide
Molecular Weight	314.31
Purity	98.50%
Targets	HD1-A (Maize); HD1-B (Maize)
IC50	100 nM; 3400 nM
Solubility	Soluble in DMSO > 10 mM

Storage and Shipping Information

Storage	Store at -20°C
Shipping Conditions	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request