Creative Enzymes®

FK-228(Romidepsin)

Cat. No. CEI-0370

Lot. No. (See product label)

Introduction

Description	Unlike TSA, the active form redFK of Romidepsin strongly inhibits HDAC1 and HDAC2 with IC50 of 1.6 nM and 3.9 nM, respectively, but is relatively weak in inhibiting HDAC4 and HDAC6 with IC50 25 nM and 790 nM, respectively. Romidepsin is 17-23 times weaker than redFK in inhibiting these HDACs with IC50 of 36 nM, 47 nM, 510 nM, and 14 uM, respectively.

Product Information

CAS No.	128517-07-7
Molecular Formula	C24H36N4O6S2
Chemical Name	Cyclo[(2Z)-2-amino-2-butenoyl-L-valyl-(3S,4E)-3-hydroxy-7-mercapto-4-heptenoyl-D-valyl-D-cysteinyl], cyclic (3→5)-disulfide
Molecular Weight	540.7
Purity	>99%
Targets	HDAC
Solubility	DMSO 10 mg/mL,Water

Storage and Shipping Information

Storage	2 years at -20 centigrade