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

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|---|---|
| ***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

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| ***Storage*** | 2 years at -20 centigrade |