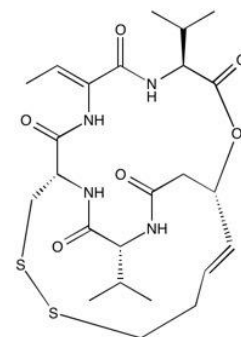


Catalog	Unit
TBI2365 - 1MG	1 mg
TBI2365 - 5MG	5 mg

Product Details

Alternate Names: FR901228; Depsipeptide
Molecular Formula: C₂₄H₃₆N₄O₆S₂
Formula Weight: 540.7
CAS Number: 128517-07-7
Purity: >98%
Formulation: Powder
Solubility: Soluble in DMSO (up to 10 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

HDAC inhibitor

Functions

Romidepsin (128517-07-7) is a potent and selective inhibitor of class I histone deacetylases (HDACs), IC₅₀ = 36, 47, 510 and 14,000 nM for HDAC1, 2, 4 and HDAC6, respectively. Induces apoptosis in a variety of cell lines and displays antitumor activity in mouse models. Romidepsin was recently approved for clinical use in T-cell lymphoma.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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