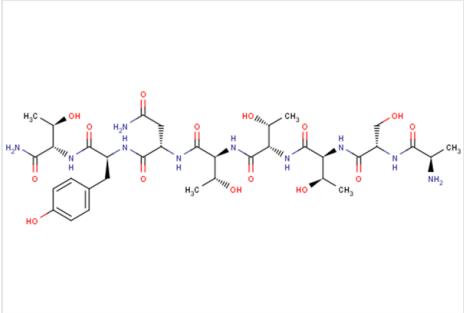
DAPTA Inhibitor – (TFA)

PRODUCT OVERVIEW

Product Name	DAPTA (TFA), Inhibitor
Full Product Name	DAPTA (TFA)
Product Gene Name	DAPTA, inhibitor
Product Synonym Names	D-Ala-peptide T-amide; Adaptavir
Form/Format	Solid. Powder
Purity/Purification	100.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	856.88
Solubility	H2O: 50mg/mL (58.35mM) Need ultrasonic (<1mg/ml refers to the product slightly soluble or insoluble)
Formula	C35H56N10O15
SMILES	C[C@@H](N)C(=O)N[C@@H](CO)C(=O)N[C@H](C(=O)N[C@H](C(=O)N[C@H](C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H](Cc1ccc(O)cc1)C(=O)N
CAS Number	106362-34-9
Target & IC50	CCR5
Product Categories/Family for DAPTA, inhibitor	Immunology/Inflammation; CCR; Microbiology&virology
Related Product Information for DAPTA, inhibitor	MBS5758514 is an inhibitor targeting DAPTA. Also known as DAPTA (TFA). DAPTA(TFA) is an inhibitor of CCR5, shows potent anti-HIV activities.
Product References and Citations for DAPTA, inhibitor	Pollicita M, Ruff M R, Pert C B, et al. Profound Anti-HIV-1 Activity of DAPTA in Monocytes/macrophages and Inhibition of CCR5-mediated Apoptosis in 18(5):285-295. Pollicita M, Ruff M R, Pert C B, et al. Profound Anti-HIV-1 Activity of DAPTA in Monocytes/macrophages and Inhibition of CCR5-mediated Apoptosis in 18(5):285-295. Michael R. Ruff, Maria Polianova, Quan-en Yang, Gifford S. Leoung, Francis W. Ruscetti, Candace B. Pert. Update on D-Ala-Peptide T-Amide (DAPTA Current HIV Research, 2003, 1(1):p.51-67. Michael R. Ruff, Maria Polianova, Quan-en Yang, Gifford S. Leoung, Francis W. Ruscetti, Candace B. Pert. Update on D-Ala-Peptide T-Amide (DAPTA Current HIV Research, 2003, 1(1):p.51-67.
Other Notes	Small volumes of DAPTA, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of DAPTA, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/inhibitor/dapta-tfa/5758514