

Product Data Sheet

Product Name: FAM-DEALA-Hyp-YIPD

Cat. No.: GC50759

Chemical Properties

Cas. No.

SMILES O=C([C@@H]1CCCN1C([C@H]([C@@H](CC)C)NC([C@H](CC2=CC=C(O)C=C2)NC([C@@H]3C[C@@H](O)CN3C([C@@H](NC([C@H](CC(C)C)NC([C@@H](NC([C@H](C(CO)=O)NC([C@@H](NC(C4=CC(C(O5)=O)=C(C=C4)C65C7=CC=C(O)C=C7OC8=C6C=CC(O)=C8)=O)CC(O)=O)=O)=O)C)=O)=O)C)=O)=O)N[C@@H](CC(O)=O)C(O)=O.O=C([C@@H]9CCCN9C([C@H]([C@@H](CC)C)NC([C@H](CC%10=CC=C(O)C=C%10)NC([C@@H]%11C[C@@H](O)CN%11C([C@@H](NC([C@H](CC(C)C)NC([C@@H](NC([C@H](C(CO)=O)NC([C@@H](NC(C(C=C%12)=CC(C%13%14C%15=CC=C(O)C=C%15OC%16=C%13C=CC(O)=C%16)=C%12C(O%14)=O)=O)CC(O)=O)=O)=O)C)=O)=O)C)=O)=O)N[C@@H](CC(O)=O)C(O)=O

Formula C71H84N10O25

M.Wt 1477.48

Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure FAM-Asp-Glu-Ala-Leu-Ala-Hyp-Tyr-Ile-Pro-Asp

Background

Fluorescent HIF-1 α peptide (Kd = 180-560 nM). Can be used to assess VHL binding in Fluorescence Polarization (FP) displacement assay, and evaluate the effect of VHL binding on degradation activity. Excitation maximum = 485 nm, emission maximum = 535 nm.

Caution: Product has not been fully validated for medical applications. For research use only.

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