

Product Data Sheet

Product Name: LDV
Cat. No.: GC50642

Chemical Properties

Cas. No. 1155866-55-9

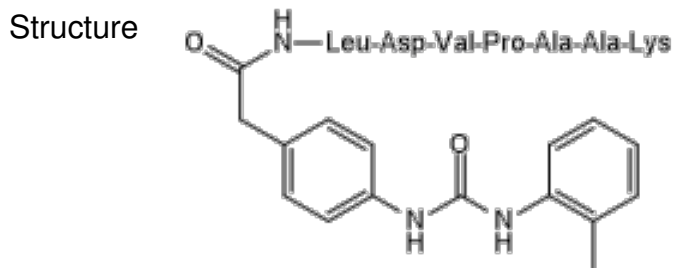
SMILES CC(C)C[C@@H](C(N[C@H](C(N[C@H](C(N1CCC[C@H]1C(N[C@H](C(N[C@H](C(N[C@H](C(O)=O)CCCCN=O)C)=O)C)=O)C(C)C)=O)CC(O)=O)O)NC(CC(C=C2)=CC=C2NC(NC3=C(C)C=CC=C3)=O)=O

Formula C₄₈H₇₀N₁₀O₁₂ M.Wt 979.13

Solubility Soluble in DMSO 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.



Background

$\alpha\beta 1$ integrin (VLA-4) ligand ($K_d \sim 12$ nM). Non-fluorescent derivative of LDV FITC.

Chigaev et al (2009) Real-time analysis of conformation-sensitive antibody binding provides new insights into integrin conformational regulation. J.Biol.Chem. 284 14337 PMID:19251697

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

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