
Product Data Sheet

Product Name: Caffeic acid-pYEEIE

Cat. No.: GC50024

Chemical Properties

Cas. No. 507471-72-9

SMILES CCC(C)[C@H](NC(=O)[C@H](CCC(O)=O)NC(=O)[C@H](CCC(O)=O)NC(=O)[C@H](CC1=CC=C(OP(O)(O)=O)C=C1)NC(=O)\C=C\C1=CC=C(O)C(O)=C1)C(=O)N[C@@H](CCC(O)=O)C(O)=O

Formula C₃₉H₅₀N₅O₁₉P M.Wt 923.82

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.

Structure **Background**

Phosphopeptide ligand for the src SH2 domain (IC₅₀ = 42 nM); displays 30-fold higher affinity than N-acetyl-O-phosphono-Tyr-Glu-Glu-Ile-Glu .

Park et al (2002) Design and characterization of non-phosphopeptide inhibitors for src family SH2 domains. Bioorg.Med.Chem.Lett. 12 2711 PMID:12217360

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

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