
Product Data Sheet

Product Name: Orphanin FQ (1-11)

Cat. No.: GC14023

Chemical Properties

Cas. No. 178249-41-7

(2S,3Z,5S,6Z,8S,9Z,11S,12Z,14S,15Z,18Z,20S,21Z,23S,24Z,27Z,30Z,32S)-
 Chemical Name 32-amino-8-(4-aminobutyl)-23-benzyl-11-(3-guanidinopropyl)-
 4,7,10,13,16,19,22,25,28,31-decahydroxy-20-((R)-1-hydroxyethyl)-5-
 (hydroxymethyl)-2,14-dimethyl-33-phenyl-3,6,9,12,15,18,21,24,2

SMILES C[C@@](/N=C(O)/C/N=C(O)/[C@](/N=C(O)/[C@](/N=C(O)/C/N=C(O)/C/N=C(O)/[C@](N)([H])CC1=CC=CC=C1)([H])CC2=CC=CC=C2)([H])[C@@](O)([H])C([H])/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](C(O)=O)([H])C([H])CO)([H])CCCCN)([H])CCNC(N)=N

Formula C₄₉H₇₅N₁₅O₁₄ M.Wt 1098.2

Solubility Soluble to 2 mg/ml in 20% acetonitrile / Water 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 **Caution: Product has not been fully validated for medical applications. For research use only.**

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