

Product Data Sheet

Product Name: VRT-1353385

Cat. No.: GC13893

Chemical Properties

Cas. No. 1616113-45-1

Chemical Name 1-(2,7-bis(((2R,3S,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)ethynyl)spiro[fluorene-9,4'-piperidin]-1'-yl)ethanone

SMILES CC(N1CCC2(C3=C(C4=C2C=C(C#C[C@](O5)([H])[C@](O)([H])[C@](O)([H])[C@@](O)([H])[C@@]5([H])CO)C=C4)C=CC(C#C[C@](O6)([H])[C@](O)([H])[C@](O)([H])[C@@](O)([H])[C@@]6([H])CO)=C3)CC1)=O

Formula C₃₅H₃₉NO₁₁

M.Wt 649.68

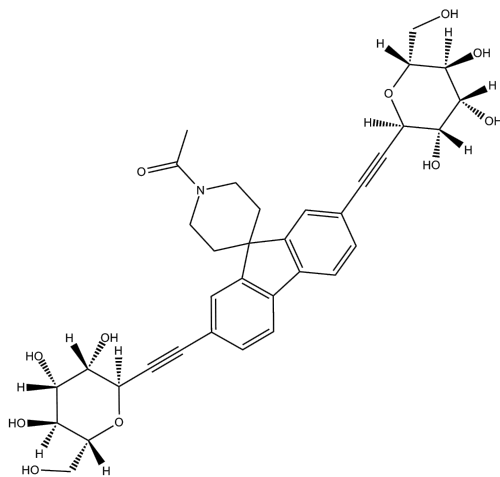
Solubility ≥ 20.2mg/mL in DMSO

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

Sibofimloc (Antibiotic-202) is an antibiotic compound, for treating bacterial infections.

References:

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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[1]. Ramtohul, Yeeman K, et al. Preparation of mannose derivatives via coupling and click cycloaddition reactions for treating bacterial infections. From PCT Int. Appl. (2014), WO 2014100158 A1 20140626.

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