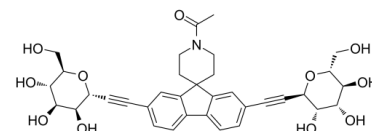


Data Sheet

Product Name:	Sibofimloc
Cat. No.:	CS-5487
CAS No.:	1616113-45-1
Molecular Formula:	C35H39NO11
Molecular Weight:	649.68
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 31 mg/mL (47.72 mM)



BIOLOGICAL ACTIVITY:

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

References:

[1]. Ramtohum, 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.

CAIndexNames:

D-glycero-D-manno-Oct-7-ynitol, 8,8'-(1'-acetylspiro[9H-fluorene-9,4'-piperidine]-2,7-diyl)bis[2,6-anhydro-7,8-dideoxy-

SMILES:

```
CC(N(CC1)CCC21C3=CC(C#C[C@@H]4[C@@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O4)=CC=C3C5=CC=C(C#C[C@H]6O[C@H](CO)[C@@H](O)[C@H](O)[C@@H]6O)C=C52)=O
```

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

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