

NRPSs-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>22</sub>H<sub>25</sub>N<sub>7</sub>O<sub>7</sub>S

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	NRPSs-IN-1 (Compound 7) serves as an inhibitor of non-ribosomal peptide synthetases (NRPSs) and is capable of penetrating cells. It effectively inhibits Gramicidin S synthetase A (GrsA) with a K <sub>d</sub> of 16.6 nM.
Targets(IC50)	Others
In vitro	NRPSs-IN-1 (10 μM) effectively inhibits the labeling of GrsA by ABP -Phe-AMS-BPye.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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