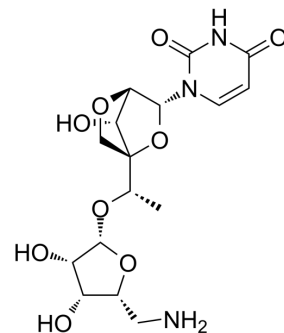


## MraY-IN-2

Cat. No.:	HY-146426
Molecular Formula:	C <sub>16</sub> H <sub>23</sub> N <sub>3</sub> O <sub>9</sub>
Molecular Weight:	401.37
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	MraY-IN-2 (compound 6) is a potent MurNAc-pentapeptide translocase (MraY) inhibitor with an IC <sub>50</sub> value of 4.5 μM. MraY-IN-2 can be used for researching anti-bacteria <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 4.5 μM (MraY) <sup>[1]</sup>

### REFERENCES

[1]. Kusaka S, et al. Design, synthesis and conformation-activity relationship analysis of LNA/BNA-type 5'-O-aminoribosyluridine as MraY inhibitors. Bioorg Med Chem.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA