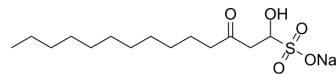


Sodium new houttuynonate

Cat. No.:	HY-N12763
CAS No.:	112714-99-5
Molecular Formula:	C ₁₄ H ₂₇ NaO ₅ S
Molecular Weight:	330.42
Target:	Bacterial; Renin
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sodium new houttuynonate (SNH) is a partially reversible NDM-1 inhibitor with an IC₅₀ of 14.2 μM. Sodium new houttuynonate is an inhibitor against renin and angiotensin I converting enzyme (ACE). Sodium new houttuynonate can recover the antibacterial activity of Meropenem (HY-13678) against *E. coli* BL21/pET15b-blaNDM-1^[1].

REFERENCES

[1]. Lifang Wang, et al. Novel partially reversible NDM-1 inhibitors based on the naturally occurring houttuynin. *Bioorg Chem.* 2024 Apr 3;147:107328.

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

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