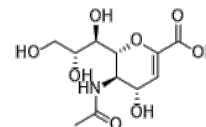


Product Name : DANA
Cat. No. : PC-28384
CAS No. : 24967-27-9
Molecular Formula : C₁₁H₁₇NO₈
Molecular Weight : 291.25
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

DANA (Neu5Ac2en, 2,3-dehydro-2-deoxy-N-acetylneuraminic acid) is a potent **Neuraminidase** isoenzymes (Sialidases, NEU) inhibitor with IC₅₀ of 49, 43, 7.7, and 8.3 uM for NEU1, NEU2, NEU3, and NEU4, respectively, shows anti-influenza virus activity.

References

- Xiao A, et al. **ACS Catal.** 2018;8(1):43-47.
Magesh S, et al. **Bioorg Med Chem Lett.** 2008;18(2):532-537.
Tianlin Guo, et al. **J Med Chem.** 2018 Dec 27;61(24):11261-11279.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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