



Product Information

2'-(4-Methylumbelliferyl)- α -D-N-acetylneuraminic acid sodium salt hydrate

Cat. No.: XGB882

Size: 1 mg; 5 mg; 25 mg

CAS Number: 76204-02-9 (anhydrous)

PubChem Substance ID: 24897277

NACRES: NA.32

Synonym: 4-Methylumbelliferyl-N-acetyl- α -D-neuraminic acid sodium salt hydrate

This product is for research use only and is not intended for diagnostic use.

Product Information

Molecular Weight	489.41 (anhydrous basis)
Empirical Formula	C ₂₁ H ₂₄ NNaO ₁₁ · xH ₂ O
InChI	1S/C ₂₁ H ₂₅ NO ₁₁ .Na.H ₂ O/c1-9-5-16(27)31-15-6-11(3-4-12(9)15)32-21(20(29)30)7-13(25)17(22-10(2)24)19(33-21)18(28)14(26)8-23;;/h3-6,13-14,17-19,23,25-26,28H,7-8H2,1-2H3,(H,22,24)(H,29,30);;1H2/q;+1;/p-1/t13-,14?,17+,18?,19+,21+;;/m0../s1
SMILES string	O.[H]C(O)(CO)[C@]([H])(O)[C@@H]1OC(C[C@H](O)[C@H]1NC(C)=O)(Oc2ccc3C(C)=CC(=O)Oc3c2)C(=O)O[Na]
Form	powder
Purity	≥95% (HPLC)
Solubility	water: 50 mg/mL, clear to slightly hazy, colorless to light yellow
Quality Level	300
Storage	-20°C

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 3