

Product Information

2-Acetamido-6-O-(α -2-N-acetylneuraminy)-2-deoxy- α -D-galactopyranosyl N-acetylserine, MW 641.58, \geq 95%

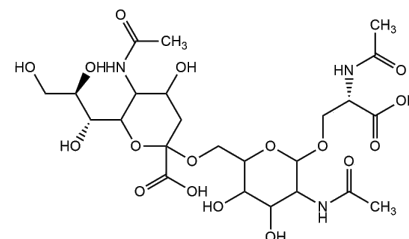
Cat. No.: X24-04-XQ195

Size: 2 mg

MDL: MFCD01320462

CAS Number: 385398-89-0

Compound CID: 46782941



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

Product Information

Description	2-Acetamido-6-O-(α -2-N-acetylneuraminy)-2-deoxy- α -D-galactopyranosyl N-acetylserine is a compound showcasing acetyl groups which bond with both sugars and amino acids that features neuraminic acid structure. It is a high-quality product with a molecular weight of 641.58 and a high purity level of \geq 95%.
Molecular Weight	641.58
Molecular Formula	C ₂₄ H ₃₉ N ₃ O ₁₇
IUPAC Name	5-Acetamido-2-[[5-acetamido-6-[(2S)-2-acetamido-2-carboxyethoxy]-3,4-dihydroxyoxan-2-yl]methoxy]-4-hydroxy-6-[(1R,2R)-1,2,3-trihydroxypropyl]oxane-2-carboxylic acid
InChI	InChI=1S/C24H39N3O17/c1-8(29)25-11(21(37)38)6-41-22-16(27-10(3)31)19(36)18(35)14(43-22)7-42-24(23(39)40)4-12(32)15(26-9(2)30)20(44-24)17(34)13(33)5-28/h11-20,22,28,32-36H,4-7H2,1-3H3,(H,25,29)(H,26,30)(H,27,31)(H,37,38)(H,39,40)/t11-,12?,13+,14?,15?,16?,17+,18?,19?,20?,22?,24?/m0/s1
InChI Key	XTQCCEVOMHPMKD-JTEWIGCYSA-N
Canonical SMILES	CC(=O)NC1C(CC(OC1C(C(CO)O)O)(C(=O)O)OCC2C(C(C(C(O2)OCC(C(=O)O)NC(=O)C)NC(=O)C)O)O)O
Isomeric SMILES	CC(=O)NC1C(CC(OC1[C@@H]([C@@H](CO)O)O)(C(=O)O)OCC2C(C(C(C(O2)OC[C@@H](C(=O)O)NC(=O)C)NC(=O)C)O)O)O
Purity	\geq 95%
Applications	2-Acetamido-6-O-(α -2-N-acetylneuraminy)-2-deoxy- α -D-galactopyranosyl N-acetylserine with the molecular weight of 641.58 and a purity greater than 95% can be used for glycoconjugates research.
Storage	Store at -20°C.



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