



Product Information

Ganglioside GM₁, Ammonium Salt, Bovine Brain

Cat. No.: XGB993

Size: 1 mg

CAS Number: 37758-47-7

Synonym: Gal β 1,3GalNAc β 1,4(Neu5Ac α 2,3)Gal β 1,4Glc β 1,1 Ceramide, NH₄, Ganglioside GM₁, Ammonium Salt, Bovine Brain

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

Product Information

Molecular Weight	1563.85
Empirical Formula	C73H130N3O31 · NH ₄
InChI	1S/C73H131N3O31/c1-5-7-9-11-13-15-17-19-20-22-24-26-28-30-32-34-52(86)76-44(45(83)33-31-29-27-25-23-21-18-16-14-12-10-8-6-2)40-99-69-61(93)59(91)63(50(38-79)102-69)104-71-62(94)67(98-41-47(85)55(87)66-53(74-42(3)81)46(84)35-73(97,107-66)72(95)96)64(51(39-80)103-71)105-68-54(75-43(4)82)65(57(89)49(37-78)100-68)106-70-60(92)58(90)56(88)48(36-77)101-70/h31,33,44-51,53-71,77-80,83-85,87-94,97H,5-30,32,34-41H2,1-4H3,(H,74,81)(H,75,82)(H,76,86)(H,95,96)/b33-31+/t44?,45?,46-,47?,48+,49+,50+,51+,53+,54+,55?,56-,57-,58-,59+,60+,61+,62+,63+,64-,65+,66+,67+,68-,69+,70-,71-,73-/m0/s1
Form	solid
Purity	Monosialoganglioside extracted from bovine brain.≥98% (TLC)
Quality Level	100
Applications	Monosialoganglioside extracted from bovine brain can be used as an antigen and receptor for cholera toxin, as a growth inhibition marker in fibroblasts, and as a marker for lymphoid subpopulations.