

X-Neu5Ac

Catalog No: tcsc0769



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Size: 500mg



Specifications

CAS No:

160369-85-7

Formula:

$C_{19}H_{21}BrClN_2NaO_9$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

H₂O: ≥ 200 mg/mL

Alternative Names:

X-NeuNAc

Observed Molecular Weight:

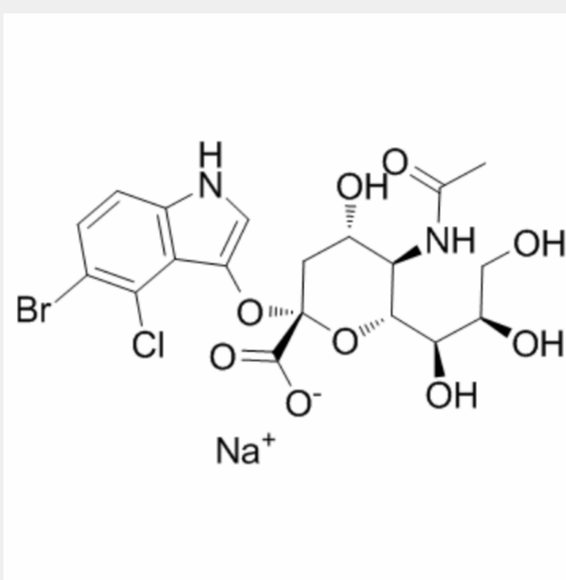
559.72

Product Description

X-Neu5Ac is a substrate for chromogenic assay of neuraminidase activity in bacterial expression systems; with a K_m of 0.89 mM for neuraminidase.

IC50 & Target: K_m : 0.89 mM (neuraminidase)^[1]

In Vitro: X-Neu5Ac is a good substrate ($K_m=0.89$ mM) for neuraminidase and is quite stable under identical conditions in the absence of enzyme^[1]. Staining with X-Neu5Ac and FRV LB is specific for sialidase and useful for quantitative analysis of sialidase activities^[2].



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