

Exosome GW4869 Inhibitor



Cat. No. ESR-007

Lot. No. (See product label)

Product Name

Exosome GW4869 Inhibitor

Size

100 µL (1000 µM)

Overview

GW4869 is a cell-permeable, specific, non-competitive N-Smase inhibitor. It blocks ceramide-mediated budding of multivesicular bodies thereby inhibiting the release of exosomes from multivesicular bodies, and is commonly used to inhibit exosome production.

CAS

6823-69-4

Molecular Formula

$C_{30}H_{28}N_6O_2 \cdot 2HCl$

Molecular Weight

577.5

Solvent

DMSO

Product Characteristics

Acts as an inhibitor of neutral sphingomyelinase and exosome production.

To analyze the effect of ATO treatment of hepatocellular carcinoma HCCLM3 cells on ceramide production.

To determine the effect of the coupled pathway of p75NTR and pro-TrkA on nerve growth factor (NGF)-induced thermal hypersensitivity in rats.

Caution

This product is intended for life science research only and should not be used for medical diagnosis or other purposes!

Transportation and Storage

20°C

Validity Period

12 months

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY