
Product Data Sheet

Product Name: NB-598 Maleate salt

Cat. No.: GC18023

Chemical Properties

Cas. No. 136719-26-1

Chemical Name (E)-N-(3-([3,3'-bithiophen]-5-ylmethoxy)benzyl)-N-ethyl-6,6-dimethylhept-2-en-4-yn-1-amine fumarate

SMILES CCN(CC1=CC(OCC2=CC(C3=CSC=C3)=CS2)=CC=C1)C/C=C/C#CC(C)(C)C.O=C(O)/C=C/C(O)=OFormula C₃₁H₃₅NO₅S₂ M.Wt 565.74

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

NB-598 is a potent competitive inhibitor of squalene epoxidase (SE). NB-598 suppresses triglyceride biosynthesis through the farnesol pathway. SE inhibitor NB-598 significantly inhibited both basal and glucose-stimulated insulin secretion from mouse pancreatic islets. CaV channels were markedly inhibited by NB-598.

Caution: Product has not been fully validated for medical applications. For research use only.

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