

Product Data Sheet

Product Name: Sartorypyrone D

Cat. No.: GC48547

Chemical Properties

Cas. No. 1801167-48-5

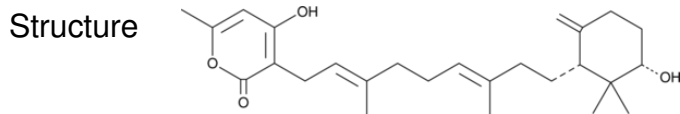
SMILES CC(O1)=CC(O)=C(C/C=C(C)/CC/C=C(C)/CC[C@H]2C(C)(C)[C@@H](O)CCC2=C)C1=O

Formula C₂₆H₃₈O₄ M.Wt 414.6

Solubility Storage -20°C

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

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



Background

Sartorypyrone D is a fungal metabolite that has been found in *N. fischeri*.¹ It inhibits NADH fumarate reductase (NFRD; IC₅₀ = 1.7 μM in *A. suum* mitochondria) and NADH oxidase (IC₅₀ = 3 μM in bovine heart mitochondria). Sartorypyrone is active against the Gram-positive bacteria *B. subtilis*, *K. rhizophila*, and *M. smegmatis* in disc assays.

1. Kaifuchi, S., Mori, M., Nonaka, K., et al. Sartorypyrone D: A new NADH-fumarate reductase inhibitor produced by *Neosartorya fischeri* FO-5897J. *Antibiot. (Tokyo)* 68(6)403-405(2015)

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA