

Product Data Sheet

Product Name: ND-336
Cat. No.: GC44341

Chemical Properties

Cas. No. 1807453-83-3

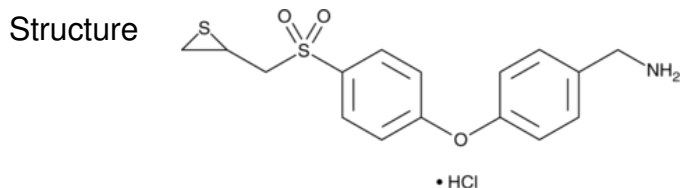
SMILES NCC(C=C1)=CC=C1OC2=CC=C(S(CC3SC3)(=O)=O)C=C2.Cl

Formula C16H17NO3S2.HCl M.Wt 371.9

Solubility DMF: 5 mg/mL, DMSO: 30 mg/mL, DMSO: PBS (pH 7.2) (1:5): 0.16 mg/mL
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.



Background

ND-336 is a selective inhibitor of the gelatinases matrix metalloproteinase-2 (MMP-2) and MMP-9, as well as MMP-14 (K_is = 85, 150, and 120 nM, respectively). It has minimal effect on other MMPs. ND-336 accelerates diabetic wound healing in mice by lowering inflammation and by enhancing angiogenesis and re-epithelialization of the wound.

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