

Product Data Sheet

Product Name: Lapaquistat

Cat. No.: GC38457

Chemical Properties

Cas. No. 189059-71-0

SMILES O=C(O)CC1CCN(C(C[C@@H]2C(N(CC(C)(C)CO)C3=CC=C(Cl)C=C3[C@@H](C4=C C=CC(OC)=C4OC)O2)=O)=O)CC1

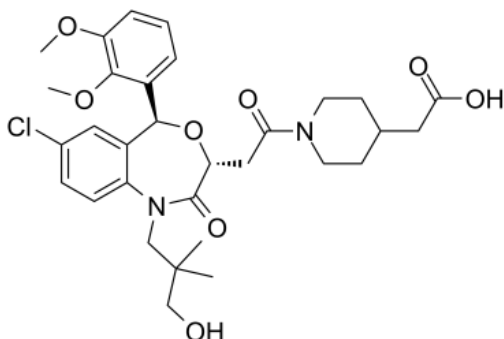
Formula $C_{31}H_{39}ClN_2O_8$ M.Wt 603.1

Solubility DMSO: 25 mg/mL (41.45 mM) 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

Lapaquistat (T-91485), a cholesterol biosynthesis inhibitor, is the active metabolite of TAK-475. Lapaquistat can decrease statin-induced myotoxicity in lipid-lowering therapy[1].

[1]. Nishimoto T, et al. Comparing myotoxic effects of squalene synthase inhibitor, T-91485, and 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase inhibitors in human myocytes. Biochem Pharmacol. 2003 Dec 1;66(11):2133-9.

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

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