

Product Data Sheet

Product Name: Palbociclib-propargyl

Cat. No.: GC61395

Chemical Properties

Cas. No. 2366269-23-8

SMILES O=C1C(C(C)=O)=C(C)C2=CN=C(NC3=NC=C(N4CCN(CC#C)CC4)C=C3)N=C2N1C5C CCC5

Formula $C_{27}H_{31}N_7O_2$ M.Wt 485.58

Solubility Storage -20°C, stored under nitrogen

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

Palbociclib-propargyl is a ligand for target protein CDK6 for PROTAC, and binds to CRBN ligand via a PEG linker to make a PROTAC CP-10. CP-10 shows a DC50 of 2.1 nM for CDK6[1].

[1]. Su S, et al. Potent and Preferential Degradation of CDK6 via Proteolysis Targeting Chimera Degraders. J Med Chem. 2019 Aug 22;62(16):7575-7582.

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