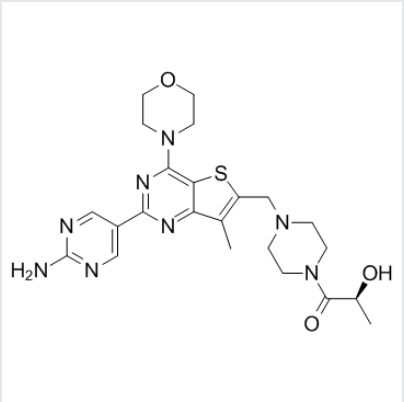
GDC-0980 (Apitolisib)

PRODUCT OVERVIEW

Product Name	GDC-0980, Biochemical
Full Product Name	GDC-0980
Product Synonym Names	Apitolisib; GNE 390; GDC0980; RG 7422
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	498.6011
Suitability	10mM in DMSO
Target	PI3K
Receptor	mTOR; p110alpha; p110beta; p110gamma; p110delta
Chemical Name	1-Propanone, 1-[4-[[2-(2-amino-5-pyrimidinyl)-7-methyl-4-(4-morpholinyl)thieno[3, 2-d]pyrimidin-6-yl]methyl]-1-piperazinyl]-2-hydroxy-, (2S)
SMILES	C[C@H](O)C(N1CCN(CC2=C(C)C3=NC(C4=CN=C(N)N=C4)=NC(N5CCOCC5)=C3S2)CC1)=O
Molecular Formula	C23H30N8O3S
CAS Number	1032754-93-0
Product Categories/Family for GDC-0980 biochemical	Breast Cancer; PI3K/Akt/mTOR signaling; Cancer
Related Product Information for GDC-0980 biochemical	GDC-0980 (Apitolisib, GNE 390, RG 7422) is a potent, selective, orally available class I PI3K/mTOR inhibitor with IC50 of 5 nM/27 nM/7 nM/14 nM for PI3Kalpha/beta/delta/gamma, inhibits mTOR inhibitor with Ki of 17 nM.
Product References and Citations for GDC-0980 biochemical	1. Wallin JJ, et al. Mol Cancer Ther. 2011 Dec; 10 (12):2426-36. 2. Sutherlin DP, et al. J Med Chem. 2011 Nov 10; 54 (21):7579-87. 3. Spoerke JM, Clin Cancer Res. 2012 Dec 15; 18 (24):6771-83.et al. 4. Makhov PB, et al. Mol Cancer Ther. 2012 Jul; 11 (7):1510-7.
Other Notes	Small volumes of GDC-0980 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GDC-0980 purchase	MBS3600158 is a biochemical targeting GDC-0980.



Structure of GDC-0980 biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/gdc-0980/3600158