

Datasheet for ABIN4878580 **Palomid 529 (P529)**

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Overview

Quantity:	5 mg
Application:	Inhibition Assay (InhA), Functional Studies (Func)

Product Details

Purpose:	Palomid 529 (P529) inhibits both the mTORC1 and mTORC2 complexes, reduces phosphorylation of pAktS473, pGSK3 β S9, and pS6 but no effect observed on pMAPK or pAktT308. Phase 1.
Characteristics:	Target: mTOR inhibitor Receptor: mTORC1,mTORC2
Purification:	All the products are sent with COA, HPLC and NMR inspection report to guarantee the quality.
Purity:	99.40 %
Formula:	C ₂₄ H ₂₂ O ₆
Solubility:	Soluble in DMSO

Target Details

Background:	PI3K/Akt/mTOR Signaling
Molecular Weight:	406.43 g/mol
CAS-No:	914913-88-5

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Application Details

Restrictions: For Research Use only

Handling

Format: Solid

Storage: -20 °C

Storage Comment: For the majority of compounds, they could be dissolved in DMSO or other organic solvent. Their stock solution can be stored at -20°C for up to 3 months and aliquoted for sampling convenience.

Several freeze/thaw cycles should not damage the activity of our small molecule products. However, in many instances the aqueous solutions of some compounds need to be made fresh and cannot be stored. For these compounds, their solution should be prepared just before use and stored no longer than 24 hours.

Expiry Date: 24 months