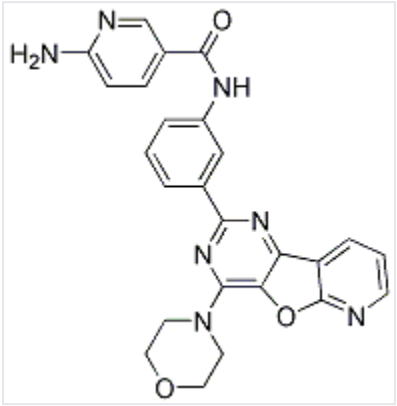
# YM201636 Inhibitor

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | YM201636, Inhibitor |
| **Full Product Name** | YM201636 |
| **Product Gene Name** | YM201636, inhibitor |
| **Product Synonym Names** | YM-201636 |
| **Purity/Purification** | >98% |
| **Preparation and Storage** | Store at -20 degree C for 3 years (powder form); at -20 degree C for 6 months (Solution base) |
| **Molecular Weight** | 467.5 |
| **Solubility** | DMSO |
| **Formula** | C25H21N7O3 |
| **SMILES** | C1COCCN1C2=NC (=NC3=C2OC4=C3C=CC=N4)C5=CC (=CC=C5)NC (=O)C6=CN=C (C=C6)N |
| **CAS Number** | 371942-69-7 |
| **Product Categories/Family for YM201636, inhibitor** | PI3K Inhibitor |
| **Related Product Information for YM201636, inhibitor** | MBS386632 is an inhibitor targeting YM201636. YM201636 is a cell-permeable and selective inhibitor of PIKfyve (IC50 = 33nM). |
| **Product References and Citations for YM201636, inhibitor** | Krishna Chintaluri,.et al. The PH domain from the Toxoplasma gondii PH-containing protein-1 (TgPH1) serves as an ectopic reporter of phosphatidylinositol 3-phosphate in mammalian cells, PLoS One, 2018, 13 (6): e0198454 PMID: 29870544<br>Dayam RM,.et al. The Lipid Kinase PIKfyve Coordinates the Neutrophil Immune Response through the Activation of the Rac GTPase, J Immunol, 2017, Sep 15;199 (6):2096-2105 PMID: 28779020 |
| **Other Notes** | Small volumes of YM201636, inhibitor 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. |




**Chemical Structure of YM201636, inhibitor**

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

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Online datasheet: https://www.mybiosource.com/inhibitor/ym201636/386632