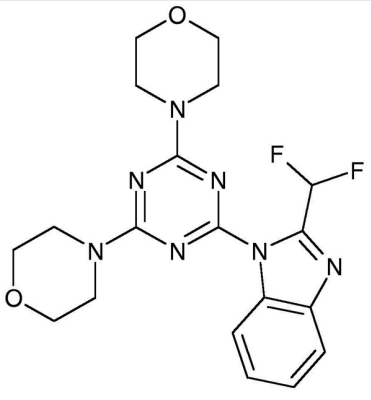
ZSTK474, Free Base Inhibitor

PRODUCT OVERVIEW

Product Name	ZSTK474, Free Base, Inhibitor
Full Product Name	ZSTK474, Free Base (2-(2-Difluoromethylbenzimidazol-1-yl)-4,6-dimorpholino-1,3,5-triazine, ZSTK-474, C510150)
Form/Format	Supplied as an off-white powder.
Purity/Purification	Highly Purified ~99%
Preparation and Storage	May be stored at RT for short-term only. Long-term storage is recommended at -20 degree C. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	417.41
CAS Number	475110-96-4
Molecular Formula	C19H21F2N7O2
Solubility	Soluble in DMSO at 20mg/ml; soluble in ethanol at 2.5mg/ml with warming; very poorly soluble in water; maximum solubility in plain water is estimated to be about 1-5uM; buffers, serum, or other additives may increase or decrease the aqueous solubility.
Product Categories/Family for ZSTK474, Free Base, inhibitor	Molecular Biology; MB-Protein Kinase Inhibitors
Related Product Information for ZSTK474, Free Base, inhibitor	ZSTK474, a novel s-triazine derivative, binds to the ATP-binding site of Class I phosphatidylinositol 3-kinases (PI3K) and inhibits PI3K activity. ZSTK474 has strong antitumor activities against human cancer xenografts (A549, PC-3 and WiDr) when administered orally to mice. Furthermore, ZSTK474 did not show significant toxicity at the doses tested.
Other Notes	Small volumes of ZSTK474, Free Base, 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.
Searchable Terms for ZSTK474, Free Base purchase	MBS655344 is an inhibitor targeting ZSTK474, Free Base. Also known as ZSTK474, Free Base (2-(2-Difluoromethylbenzimidazol-1-yl)-4,6-dimorpholino-1,3,5-triazine, ZSTK-474, C510150).



Structure of ZSTK474, Free Base, inhibitor
Structure of ZSTK474, Free Base

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