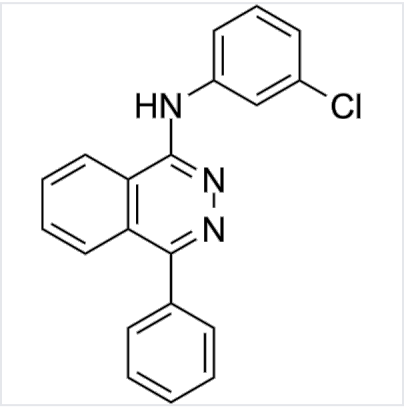
MY-5445

PRODUCT OVERVIEW

Product Name	MY-5445, Biochemical
Full Product Name	MY-5445
Product Gene Name	MY-5445 biochemical
Product Synonym Names	N-(3-chlorophenyl)-4-phenylphthalazin-1-amine
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >= 2 years
Molecular Weight	331.8
Receptor	DHFR
SMILES	Clc1cccc(Nc2nnc(-c3ccccc3)c3ccccc23)c1
Molecular Formula	C20H14ClN3
CAS Number	78351-75-4
Product Categories/Family for MY-5445 biochemical	PDE; Angiogenesis
Related Product Information for MY-5445 biochemical	MY-5445 is a specific inhibitor of phosphodiesterase type 5 (PDE5). MY-5445 selectively inhibits cGMP PDE (Ki:1.3 uM).
Product References and Citations for MY-5445 biochemical	1.Hopper AT, et al. Discovery of Selective Toxoplasma gondii Dihydrofolate Reductase Inhibitors for the Treatment of Toxoplasmosis. J Med Chem. 2019;62(3):1562-1576.
Other Notes	Small volumes of MY-5445 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 MY-5445 purchase	MBS3615379 is a biochemical targeting MY-5445.



Chemical Structure of MY-5445 biochemical

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