
Product Data Sheet

Product Name: RG 102240

Cat. No.: GC50256

Chemical Properties

Cas. No. 162326-49-0

SMILES O=C(NN(C(C)(C)C)C(C2=CC(C)=CC(C)=C2)=O)C1=CC=CC(OC)=C1CCFormula $C_{23}H_{30}N_2O_3$ M.Wt 382.5

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Gene switch ligand. Transcription inducer for use in inducible gene expression systems. Does not cause significant changes in endogenous gene expression in HEK cells.

Panguluri et al (2007) Effect of ecdysone receptor gene switch ligands on endogenous gene expression in 293 cells. FEBS Journal 274 5669 PMID:17922837 |Lapenna et al (2009) Semi-synthetic ecdysteroids as gene-switch actuators: synthesis, structure-activity relationships, and prospective ADME properties. ChemMedChem 4 55 PMID:19065574

Caution: Product has not been fully validated for medical applications. For research use only.

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