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Product Datasheet

Intelliscreen(TM) PI3K Inhibitors Mini-Library FBM-10-7345

Artikelname	Intelliscreen(TM) PI3K Inhibitors Mini-Library
Artikelnummer	FBM-10-7345
Hersteller Artikelnummer	10-7345
Alternativnummer	FBM-10-7345-1LIBRARY
Hersteller	Focus Biomolecules
Kategorie	Sonstiges
Produktbeschreibung	Comprises 10 inhibitors of PI3 kinase isoforms...
Formulierung	Supplied as DMSO solution 10mM
Anwendungsbeschreibung	Phosphatidylinositol 3-kinases (PI3K) are a family of lipid kinases that regulate various cellular processes including DNA repair, cell cycle, metabolism, senescence, and cell death. Aberrant PI3K function is implicated in a significant percentage of human cancers. The Intelliscreen™ PI3K Inhibitor mini-library includes compounds that target important proteins in this family: Class I PI3Ks (PI3K α , PI3K β , PI3K γ , PI3K δ) which catalyze the conversion of phosphatidylinositol (4,5)-bisphosphate to the triphosphate, class II (PIK3C2A, PIK3C2B, PIK3C2G) the conversion of phosphatidylinositol to the 3-phosphate and phosphatidyl 4-phosphate to the 3,4-diphosphate, and class III (PIK3C3 or Vps34) the conversion of phosphatidylinositol to the 3-phosphate.