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Product Datasheet

Intelliscreen(TM) Wnt/beta-catenin (canonical) Mini-Library FBM-10-7305

Artikelname	Intelliscreen(TM) Wnt/beta-catenin (canonical) Mini-Library
Artikelnummer	FBM-10-7305
Hersteller Artikelnummer	10-7305
Alternativnummer	FBM-10-7305-1LIBRARY
Hersteller	Focus Biomolecules
Kategorie	Sonstiges
Produktbeschreibung	Comprises 12 inhibitors of the various components of the Wnt pathway...
Formulierung	Supplied as DMSO solution 10mM
Anwendungsbeschreibung	The Wnt/β-catenin pathway is a multi-component pathway primarily involved in embryonic development, adult tissue homeostasis, and cell proliferation. Wnt proteins (i.e Wnt1, Wnt3a, Wnt5a) mediate extracellular signals that activate Wnt membrane receptors Frizzled and LRP5/6. Once activated, these signals inactivate a β-catenin degradation complex allowing β-catenin to translocate to the nucleus where it binds to TCF enabling target gene transcription. Dysfunction in the Wnt/β-catenin pathway is implicated in various cancers, liver disease, ALS, Alzheimers disease, bone disease, and cardiovascular disease.