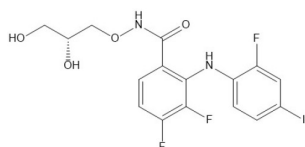


PD-325901

Catalogue No.: abx076765



PD-325901 is a small molecule which can act as a potent MEK1 and MEK2 inhibitor, suppressing phosphorylation of ERK1/2 in murine colon 26 cells, as well as, its downstream target, ribosomal S6 kinase, in a dose-dependent manner. It is provided as a powder.

This product acts on the following target types: Kinase.

This product acts on the following biochemical pathways: Proliferation.

This product may be of interest in the following research areas and diseases: Stem cells, Cancer.

This product may act as a Coronavirus inhibitor: Inhibits SARS-CoV and MERS-CoV in cells.

Please note that our chemical products are for scientific research use only in a laboratory and are not for medical or veterinary use. This product can only be dispatched to a scientific business or laboratory address.

Target: PD-325901

Form: Solid

Purity: > 98% (HPLC)

Reconstitution: Soluble in DMSO (up to 12 mg/ml)

Storage: Store desiccated at -20 °C for up to 1 year. Solutions can be stored at -20 °C for up to 1 month.

Molecular Weight: 482.2 g/mol

Molecular Formula: C₁₆H₁₄F₃IN₂O₄

Buffer: Not applicable.

CAS Number: 391210-10-9

SMILES: C1=CC(=C(C=C1)F)NC2=C(C=CC(=C2F)F)C(=O)NOC[C@@H](CO)O

Datasheet

Version: 4.0.0

Revision date: 25 May 2025



Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only