

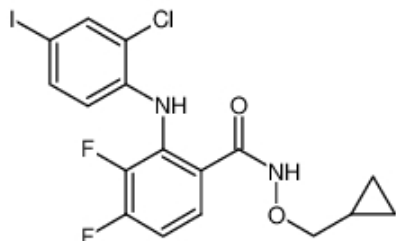
PD184352 (CAS: 212631-79-3)

Catalog #: EBC51018

Biological Activity

Synonyms	CI-1040, CI 1040, CI1040, PD 184352, PD-184352
Chemical Name	2-(2-chloro-4-iodoanilino)-N-(cyclopropylmethoxy)-3,4-difluorobenzamide
Application	PD184352 is a MEK inhibitor
CAS No.	212631-79-3
Purity	≥99.0%
Molecular Weight	478.66
Molecular Formula	C ₁₇ H ₁₄ ClF ₂ IN ₂ O ₂
Shipping	Gel Pack
Storage	Store at -20° C
Target & IC₅₀	MEK-1: IC ₅₀ = 2 nM Raf-1: IC ₅₀ = 12 nM MEK1/2: IC ₅₀ = 16 nM

Molecular Structure



Solubility

DMSO: 47.9 mg/mL (100 mM)

Ethanol: 12 mg/mL (25 mM)

PS: < 1 mg/ml refers to the product insoluble

Description

PD184352 is a MEK inhibitor (IC₅₀ = 10-100 nM), a kinase upstream in the mitogen-activated protein kinase pathway (MAPK). Inhibition of MEK leads to a reduction of MAPK activation, suppressing colon tumor proliferation in mice with limited organism toxicity. PD 184,352 is an inhibitor of MEK-1 and MEK-2.

For Reserch Use Only. Not For Use In Diagnostic Procedures

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