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Product Datasheet

I2 FBM-10-4908

Artikelname	I2
Artikelnummer	FBM-10-4908
Hersteller Artikelnummer	10-4908
Alternativnummer	FBM-10-4908-5MG,FBM-10-4908-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	ERO1A inhibitor...
Molekulargewicht	451.23
Reinheit	98% by TLC NMR (Conforms)
Formulierung	Orange/red solid
CAS Nummer	[Unknown]
Formel	C21H11Cl2F3N2O2
Anwendungsbeschreibung	I2 is an inhibitor of the oxidoreductase ERO1A (IC₅₀ = 8.1 µM), a mediator of the unfolded protein response (UPR).¹ Under cancer-related hypoxia conditions, ERO1A favors the folding of the angiogenic protein VEGFA leading to cancer cell growth and spread. I2 inhibited the metabolic activity of DMA-MB-231 triple negative breast cancer cells and impaired migration and VEGF secretion. Tumors in C57/BL6Jmice showed decreased levels of VEGF and PD-L1 when treated with I2.