Product Datasheet

GW284543

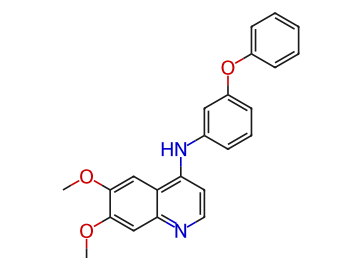
Catalog No. **BP-08824** · CAS **790186-68-4** · Form **free base** · Physical state **solid** · Color **Off-white to gray** · Version **1.0** · Revision **2026-11-16**

FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target	Research area
MEK	**Cancer**

Molecular formula	$C_{23}H_{20}N_2O_3$
Molecular weight	**372.4240**

STRUCTURE



DESCRIPTION

GW284543 (UNC10225170) is a selective MEK5 inhibitor. GW284543 reduces pERK5, and decreases endogenous MYC protein .

BIOLOGICAL ACTIVITY

GW284543 (10 and 20 μM; 6 h) treatment inhibits MEK5 in a dose-dependent manner and reduces pERK5

SOLUBILITY

Soluble in DMSO : 125 mg/mL

In vitro	DMSO : 125 mg/mL

REFERENCES

[1]. Vaseva AV, et al. KRAS Suppression-Induced Degradation of MYC Is Antagonized by a MEK5-ERK5 Compensatory Mechanism. Cancer Cell. 2018 Nov 12;34(5):807-822.e7.