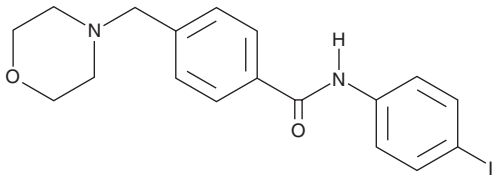
PRODUCT INFORMATION

HIF-1 Inhibitor-4

Item No. 46421

CAS Registry No.:	333357-56-5
Formal Name:	N-(4-iodophenyl)-4-(4-morpholinylmethyl)-benzamide
Synonyms:	Hypoxia-Inducible Factor-1 Inhibitor 4, WAY-299838
MF:	$C_{18}H_{19}IN_2O_2$
FW:	422.3
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

HIF-1 inhibitor-4 is supplied as a solid. A stock solution may be made by dissolving the HIF-1 inhibitor-4 in the solvent of choice, which should be purged with an inert gas. HIF-1 inhibitor-4 is soluble (≥10 mg/ml) in DMSO.

Description

HIF-1 inhibitor-4 is a hypoxia-inducible factor 1 (HIF-1) inhibitor.[1] It inhibits HIF-1-mediated transcriptional activity in a reporter assay in hypoxic U251 glioblastoma cells (IC_{50} = 0.56 µM).

Reference

1. Nagao, S., Yamane, Y., Funasaka, S., *et al.* Synthesis and structure-activity relationships of novel, potent, orally active hypoxia-inducible factor-1 inhibitors. *Bioorg. Med. Chem.* **22(19)**, 5513-5529 (2014).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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