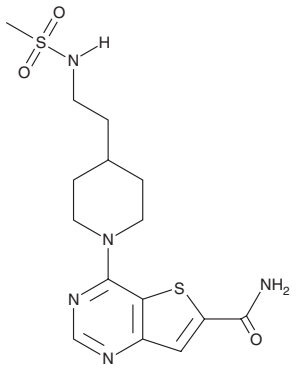
PRODUCT INFORMATION

SIRT-IN-2

Item No. 46376



CAS Registry No.:	1431411-66-3
Formal Name:	4-[4-[2-[(methylsulfonyl)amino]ethyl]-1-piperidinyl]-thieno[3,2-d]pyrimidine-6-carboxamide
Synonyms:	Silent Information Regulator Inhibitor 2, Silent Information Regulator-IN-2, SIRT Inhibitor 2
MF:	$C_{15}H_{21}N_5O_3S_2$
FW:	383.5
Purity:	≥95%
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

SIRT-IN-2 is supplied as a solid. A stock solution may be made by dissolving the SIRT-IN-2 in the solvent of choice, which should be purged with an inert gas. SIRT-IN-2 is soluble (≥10 mg/ml) in DMSO.

Description

SIRT-IN-2 is a pan-sirtuin inhibitor (IC_{50}s = 4.3, 1.1, and 7.2 nM for SIRT1, SIRT2, and SIRT3, respectively).[1]

Reference

1. Disch, J.S., Evindar, G., Chiu, C.H., *et al.* Discovery of thieno[3,2-*d*]pyrimidine-6-carboxamides as potent inhibitors of SIRT1, SIRT2, and SIRT3. *J. Med. Chem.* **56,** 3666-3679 (2013).

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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