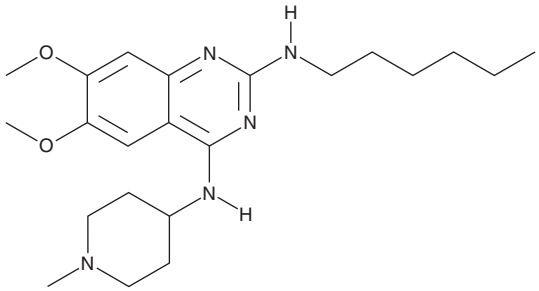
PRODUCT INFORMATION

MS012

Item No. 46730



CAS Registry No.:	2089617-83-2
Formal Name:	N^2-hexyl-6,7-dimethoxy-N-(1-methyl-4-piperidinyl)-2,4-quinazolinediamine
MF:	$C_{22}H_{35}N_5O_2$
FW:	401.6
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

MS012 is supplied as a solid. A stock solution may be made by dissolving the MS012 in the solvent of choice, which should be purged with an inert gas. MS012 is soluble (≥10 mg/ml) in ethanol.

Description

MS012 is an inhibitor of the lysine methyltransferase G9a-like protein (GLP; IC_{50} = 7 nM).[1] It is selective for GLP over G9a (IC_{50} = 992 nM).

Reference

1. Sasaguri, H., Nilsson, P., Hashimoto, S., *et al.* APP mouse models for Alzheimer's disease preclinical studies. *EMBO J.* **36(17)**, 2473-2487 (2017).

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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