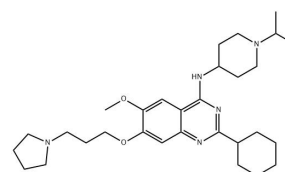


Technical Data Sheet

UNC0638

Compound Information

Product Name:	UNC0638
CAS No.:	1255580-76-7
Molecular Formula:	C ₃₀ H ₄₇ N ₅ O ₂
Molecular Weight:	509.73
Storage:	Store at +4°C
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	UNC0638 is a potent, selective and cell-penetrant chemical probe for G9a and GLP with IC ₅₀ of <15 nM and 19 nM, respectively, shows selectivity over a wide range of epigenetic and non-epigenetic targets.
IUPAC Name	2-Cyclohexyl-6-methoxy-N-[1-(1-methylethyl)-4-piperidinyl]-7-[3-(1-pyrrolidinyl)propoxy]-4-quinazolinamine
Form	solid
Color	White to yellow
Solubility	≥25.5 mg/mL in DMSO; insoluble in H ₂ O; ≥48.2 mg/mL in EtOH
HPLC	Shows 98.3% purity
NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.