



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# PRODUCT INFORMATION

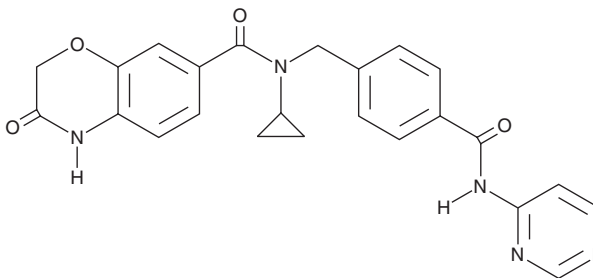


**UNC6934**

Item No. 28814

**CAS Registry No.:** 2561494-77-5  
**Formal Name:** N-cyclopropyl-3,4-dihydro-3-oxo-N-[[4-[[4-(pyrimidinylamino) carbonyl]phenyl)methyl]-2H-1,4-benzoxazine-7-carboxamide

**MF:** C<sub>24</sub>H<sub>21</sub>N<sub>5</sub>O<sub>4</sub>  
**FW:** 443.5  
**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

UNC6934 is supplied as a solid. A stock solution may be made by dissolving the UNC6934 in the solvent of choice, which should be purged with an inert gas. UNC6934 is sparingly soluble (1-10 mg/ml) in DMSO.

## Description

UNC6934 is an inhibitor of the protein-protein interaction between histone-lysine N-methyltransferase NSD2 and dimethylated lysine 36 histone 3 (H3K36me2) nucleosomes (IC<sub>50</sub> = 104 nM).<sup>1</sup> It binds to NSD2 (K<sub>d</sub> = 92 nM). UNC6934 also inhibits the serotonin transporter (SERT) and μ-opioid receptor (K<sub>i</sub>s = 1.4 and 8 μM, respectively). It induces NSD2 nucleolus accumulation in U2OS cells when used at a concentration of 5 μM.

## Reference

1. Dilworth, D., Hanley, R.P., Ferreira de Freitas, R., et al. A chemical probe targeting the PWWP domain alters NSD2 nucleolar localization. *Nat. Chem. Biol.* **18**(1), 56-63 (2022).

### 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.

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