



# 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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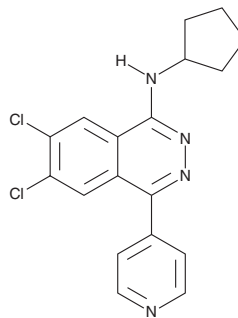
# PRODUCT INFORMATION



## A-196

Item No. 18317

**CAS Registry No.:** 1982372-88-2  
**Formal Name:** 6,7-dichloro-N-cyclopentyl-4-(4-pyridinyl)-1-phthalazinamine  
**MF:** C<sub>18</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>4</sub>  
**FW:** 359.3  
**Purity:** ≥98%  
**UV/Vis.:** λ<sub>max</sub>: 226, 228, 273, 351 nm  
**Supplied as:** A crystalline 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

A-196 is supplied as a crystalline solid. A stock solution may be made by dissolving the A-196 in the solvent of choice, which should be purged with an inert gas. A-196 is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF). The solubility of A-196 in ethanol is approximately 2 mg/ml and approximately 10 mg/ml in DMSO and DMF.

A-196 is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, A-196 should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. A-196 has a solubility of approximately 0.3 mg/ml in a 1:2 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

### Description

A-196 is a selective inhibitor of SUV420H1 and SUV420H2 (IC<sub>50</sub>s = 25 and 144 nM, respectively) that is more than 100-fold selective over other histone methyltransferases and non-epigenetic targets. A-196 has been shown to inhibit the di- and tri-methylation of lysine 20 of histone H4 (H4K20me) in multiple cell lines with IC<sub>50</sub> values less than 1 μM. For more information on A-196 please visit the Structural Genomics Consortium (SGC). The negative control, SGC2043 (A-197), for A-196 is also available exclusively through the SGC.

#### 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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