



# 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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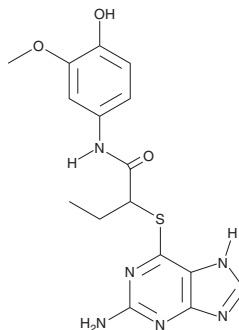
# PRODUCT INFORMATION



## ENPP1 Inhibitor 43

Item No. 36836

**CAS Registry No.:** 2631703-41-6  
**Formal Name:** 2-[(2-amino-9H-purin-6-yl)thio]-N-(4-hydroxy-3-methoxyphenyl)butanamide  
**MF:** C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>S  
**FW:** 374.4  
**Purity:** ≥98%  
**UV/Vis.:** λ<sub>max</sub>: 216, 242, 310 nm  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

ENPP1 inhibitor 43 is supplied as a crystalline solid. A stock solution may be made by dissolving the ENPP1 inhibitor 43 in the solvent of choice, which should be purged with an inert gas. ENPP1 inhibitor 43 is soluble in the organic solvent DMSO at a concentration of approximately 1 mg/ml.

### Description

ENPP1 inhibitor 43 is an inhibitor of ectonucleotide pyrophosphatase/phosphodiesterase family member 1 (ENPP1; K<sub>i</sub> = 41 nM).<sup>1</sup> It inhibits tumor growth in an LLC1 murine lung cancer model when administered orally or intravenously at doses of 10 and 100 mg/kg, respectively.

### Reference

1. Gangar, M., Goyal, S., Raykar, D., *et al.* Design, synthesis and biological evaluation studies of novel small molecule ENPP1 inhibitors for cancer immunotherapy. *Bioorg. Chem.* **119**, 105549 (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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