



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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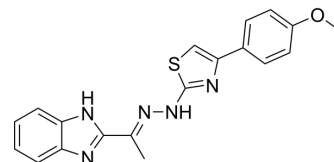
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## SFI003

Cat. No.:	HY-148660
CAS No.:	2361332-90-1
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> N <sub>5</sub> OS
Molecular Weight:	363.44
Target:	Reactive Oxygen Species; Apoptosis
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SFI003 is a novel SRSF3 inhibitor, and shows anticancer activity by inducing ROS-mediated cell apoptosis against colorectal cancer <sup>[1]</sup> .
<b>In Vitro</b>	SFI003 (0-2.5 μM, 72 h) inhibits the proliferation of HCT-116 and SW480 cells with IC <sub>50</sub> values of 8.78 μM and 48.67 μM, respectively <sup>[1]</sup> . SFI003 (10, 20 and 50 μM, 72 h) induces cell apoptosis in HCT-116 and SW480 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	SFI003 (subcutaneous injection, 100 and 200 mg/kg for two continuous weeks) inhibits tumor growth in HCT-116 and SW480 xenografts SCID mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Zhang Y, et al. A novel SRSF3 inhibitor, SFI003, exerts anticancer activity against colorectal cancer by modulating the SRSF3/DHCR24/ROS axis. Cell Death Discov. 2022 May 2;8(1):238.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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