



# 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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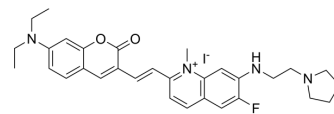
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## pan-KRAS-IN-5

<b>Cat. No.:</b>	HY-163299
<b>CAS No.:</b>	3027172-23-9
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>36</sub> FIN <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	642.55
<b>Target:</b>	Ras; Apoptosis
<b>Pathway:</b>	GPCR/G Protein; MAPK/ERK Pathway; Apoptosis
<b>Storage:</b>	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

pan-KRAS-IN-5 (compound 15a) is a pan-KRAS translation inhibitor by targeting 5'-UTR RNA G-quadruplexes (rG4s). pan-KRAS-IN-5 induces cell cycle arrest and prompts apoptosis in KRAS-driven cancer cells<sup>[1]</sup>.

### REFERENCES

[1]. Mao-Lin Li, et al. Discovery of Novel Coumarin-quinolinium Derivatives as Pan-KRAS Translation Inhibitors by Targeting 5'-UTR RNA G-Quadruplexes. *J Med Chem.* 2024 Feb 8;67(3):1961-1981.

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

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