



# 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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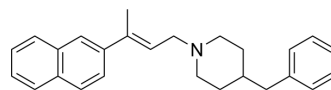
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## RC-106

<b>Cat. No.:</b>	HY-158197
<b>CAS No.:</b>	1346216-50-9
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>29</sub> N
<b>Molecular Weight:</b>	355.52
<b>Target:</b>	Sigma Receptor; Proteasome
<b>Pathway:</b>	Neuronal Signaling; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	RC-106 is a proteasome inhibitor (IC <sub>50</sub> : 35 μM) and Sigma receptor modulator with anticancer activity. RC-106 has antiproliferative activity against cancer cells including glioblastoma (GB) and multiple myeloma (MM) <sup>[1]</sup> .	
<b>In Vitro</b>	RC-106 (60 μM; 24 h) inhibits cancer cell activity <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Viability Assay <sup>[1]</sup>	
	Cell Line:	U87-MG cells
	Concentration:	40, 60 μM
	Incubation Time:	24 h
	Result:	Showed a moderate activity against U87-MG cells at 60 μM, reducing the cell viability to 34% <sup>⊠</sup>

### REFERENCES

[1]. Listro R, et al. Exploring the RC-106 Chemical Space: Design and Synthesis of Novel (E)-1-(3-Arylbut-2-en-1-yl)-4-(Substituted) Piperazine Derivatives as Potential Anticancer Agents. *Front Chem.* 2020 Jun 30;8:495.

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

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