



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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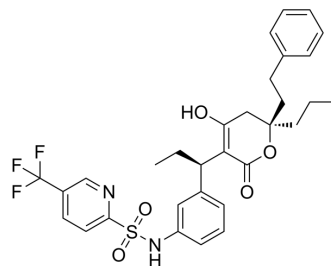
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## Tipranavir (Standard)

<b>Cat. No.:</b>	HY-15148R
<b>CAS No.:</b>	174484-41-4
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>33</sub> F <sub>3</sub> N <sub>2</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	602.66
<b>Target:</b>	SARS-CoV; HIV Protease; HIV
<b>Pathway:</b>	Anti-infection; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Tipranavir (Standard) is the analytical standard of Tipranavir. This product is intended for research and analytical applications. Tipranavir (PNU-140690) inhibits the enzymatic activity and dimerization of HIV-1 protease, exerts potent activity against multi-protease inhibitor (PI)-resistant HIV-1 isolates with IC <sub>50</sub> s of 66-410 nM <sup>[1][2]</sup> . Tipranavir inhibits SARS-CoV-2 3CL <sup>pro</sup> activity <sup>[3]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 66-410 nM (HIV-1 isolates) <sup>[1]</sup>

### REFERENCES

- [1]. Aoki M, et al. Loss of the protease dimerization inhibition activity of tipranavir (TPV) and its association with the acquisition of resistance to TPV by HIV-1. *J Virol.* 2012 Dec;86(24):13384-96.
- [2]. Li F, et al. Metabolism-mediated drug interactions associated with ritonavir-boosted tipranavir in mice. *Drug Metab Dispos.* 2010 May;38(5):871-8.
- [3]. Qi Sun, et al. Bardoxolone and bardoxolone methyl, two Nrf2 activators in clinical trials, inhibit SARS-CoV-2 replication and its 3C-like protease. *Signal Transduct Target Ther.* 2021 May 29;6(1):212.

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

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