



# 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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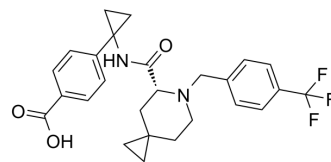
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## (R)-Vorbipirant

Cat. No.:	HY-163651
CAS No.:	2502965-92-4
Molecular Formula:	C <sub>26</sub> H <sub>27</sub> F <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	472.5
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(R)-Vorbipirant ((R)-CR6086) is an orally active antagonist for prostaglandin E2 receptor 4 (EP4) with K <sub>i</sub> of 16.6 nM for human EP4. (R)-Vorbipirant inhibits PGE2 (HY-101952)-induced cAMP production with an IC <sub>50</sub> of 22 nM. (R)-Vorbipirant exhibits immunomodulatory and anti-angiogenic activities, and ameliorates the collagen-induced arthritis in mice <sup>[1]</sup> .
IC <sub>50</sub> & Target	hEP4 16.6 nM (K <sub>i</sub> )

### REFERENCES

[1]. Caselli G, et al., Pharmacological characterisation of CR6086, a potent prostaglandin E2 receptor 4 antagonist, as a new potential disease-modifying anti-rheumatic drug. *Arthritis Res Ther.* 2018 Mar 1;20(1):39.

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

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