



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

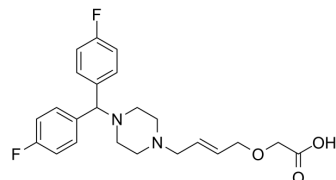
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## SUN-1334H free base

Cat. No.:	HY-164010
CAS No.:	607737-00-8
Molecular Formula:	C <sub>23</sub> H <sub>26</sub> F <sub>2</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	416.46
Target:	Histamine Receptor; Dopamine Receptor; Adrenergic Receptor; Sigma Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SUN-1334H free base is an orally active inhibitor for histamine H1 receptor, with an IC <sub>50</sub> of 20.3 nM and K <sub>i</sub> of 9.7 nM. SUN-1334H free base inhibits histamine-induced contractions of isolated guinea-pig ileum with an IC <sub>50</sub> of 0.198 μM. SUN-1334H free base inhibits histamine-induced bronchoconstriction in guinea pigs, histamine-induced skin wheals in beagle dogs, and ovalbumin-induced rhinitis in guinea pigs <sup>[1]</sup> .			
<b>IC<sub>50</sub> &amp; Target</b>	H <sub>1</sub> Receptor 20.3 nM (IC <sub>50</sub> )	Dopamine D3 receptor 3.43 μM (IC <sub>50</sub> )	σ1 5.46 μM (IC <sub>50</sub> )	Alpha-1D adrenergic receptor 7.76 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Mandhane SN, et al., Preclinical efficacy and safety pharmacology of SUN-1334H, a potent orally active antihistamine agent. *Drugs R D*. 2008;9(2):93-112.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA