



# 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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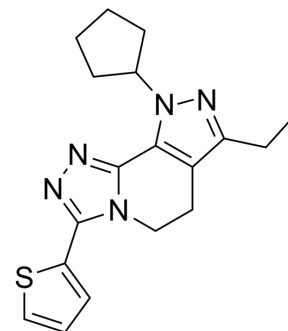
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## Tofimilast

Cat. No.:	HY-106137
CAS No.:	185954-27-2
Molecular Formula:	C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> S
Molecular Weight:	339.46
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tofimilast is an inhibitor of Phosphodiesterase 4 (PDE4) with an IC <sub>50</sub> of 0.14 μM. Tofimilast exerts its anti-inflammatory effects by inhibiting the activity of PDE4, thereby increasing intracellular levels of cAMP <sup>[1]</sup> .
IC <sub>50</sub> & Target	PDE4 0.14 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Duplantier AJ, et al. SAR of a series of 5,6-dihydro-(9H)-pyrazolo[3,4-c]-1,2,4-triazolo[4,3- $\alpha$ ]pyridines as potent inhibitors of human eosinophil phosphodiesterase. J Med Chem. 2007 Jan 25;50(2):344-9.

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

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