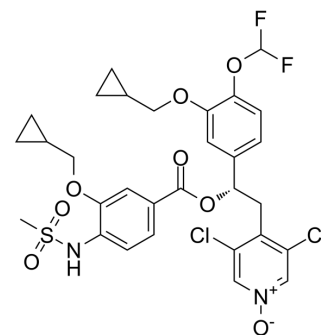


Tanimilast

Cat. No.:	HY-19929
CAS No.:	1239278-59-1
Molecular Formula:	C ₃₀ H ₃₀ Cl ₂ F ₂ N ₂ O ₈ S
Molecular Weight:	687.54
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tanimilast (CHF-6001) is a novel highly potent and selective phosphodiesterase 4 inhibitor ($IC_{50}=0.026 \pm 0.006$ nM) with robust anti-inflammatory activity and suitable for topical pulmonary administration. Tanimilast is used for the research of obstructive lung diseases^[1].

REFERENCES

[1]. Moretto N, Caruso P, Bosco R, Marchini G, Pastore F, Armani E, Amari G, Rizzi A, Ghidini E, De Fanti R, Capaldi C, Carzaniga L, Hirsch E, Buccellati C, Sala A, Carnini C, Patacchini R, Delcanale M, Civelli M, Villetti G, Facchinetti F. CHF6001 I: a novel highly potent and selective phosphodiesterase 4 inhibitor with robust anti-inflammatory activity and suitable for topical pulmonary administration. *J Pharmacol Exp Ther.* 2015 Mar;352(3):559-67.

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