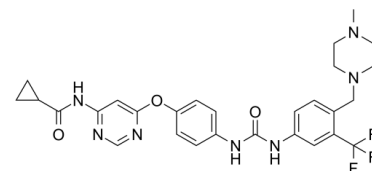


Data Sheet

Product Name:	β cell proliferation agonist WS3
Cat. No.:	CS-3448
CAS No.:	1421227-52-2
Molecular Formula:	C ₂₈ H ₃₀ F ₃ N ₇ O ₃
Molecular Weight:	569.58
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 43 mg/mL (75.49 mM)



BIOLOGICAL ACTIVITY:

β cell proliferation agonist WS3 is a novel small molecule that promotes β cell proliferation with EC₅₀ of 28 nM (induced R7T1 proliferation).

References:

[1]. Shen W, et al. Small-molecule inducer of β cell proliferation identified by high-throughput screening. J Am Chem Soc. 2013 Feb 6;135(5):1669-72.

CAIndexNames:

Cyclopropanecarboxamide, N-[6-[4-[[[4-(4-methyl-1-piperazinyl)methyl]-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]phenoxy]-4-pyrimidinyl]-

SMILES:

O=C(C1CC1)NC2=NC=NC(OC3=CC=C(NC(NC4=CC=C(CN5CCN(C)CC5)C(C(F)(F)F)=C4)=O)C=C3)=C2

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

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