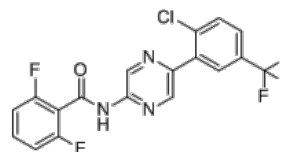


Product Name	: AMG1
Synonyms	: AMG 1;AMG-1
Cat No.	: M16497
CAS Number	: 903591-53-7
Molecular Formula	: C ₁₈ H ₉ ClF ₅ N ₃ O
Formula Weight	: 413.73
Chemical Name	: N-(5-(2-chloro-5-(trifluoromethyl)phenyl)-2-pyrazinyl)-2,6-difluorobenzamid



Description	: A novel specific CRAC channel inhibitor that blocks function of effector but not regulatory T cells in vitro and attenuates the progression and severity of EAE in vivo; potently suppresses SOCE following anti-CD3 stimulation in Th1, Th17 and iTreg cells at 100 nM, strongly reduces SOCE in Th1, Th17 and iTreg cells and significantly attenuates IFN- γ and IL-17 production in human CD4 ⁺ T cells with IC ₅₀ of 1792 nM and 57 nM, respectively; shows potential for Th1/Th17-mediated autoimmune diseases.
Pathway	: GPCR/G Protein
Target	: Calcium Channel
Receptor	: Calcium Channel
Solubility	: —
SMILES	: <chem>C1=CC(=C(C(=C1)F)C(=O)NC2=NC=C(N=C2)C3=C(C=CC(=C3)C(F)(F)F)Cl)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Kaufmann U, et al. J Immunol. 2016 Jan 15;196(2):573-85.