

Product Name	: TCV-309
Synonyms	: TCV 309;TCV309
Cat No.	: M11257
CAS Number	: 131311-25-6
Molecular Formula	: C ₃₀ H ₃₄ BrN ₅ O ₇
Formula Weight	: 656.53
Chemical Name	: 3-bromo-5-((3-oxo-3-((2-((1,2,3,4-tetrahydroisoquinoline-2-carbonyl)oxy)ethyl)amino)propyl)(phenyl)carbamoyl)-1-propylpyridin-1-ium nitrate
Description	: A highly potent and selective platelet activating factor (PAF) antagonist; inhibits PAF-induced aggregation of rabbit and human platelets with IC ₅₀ s of 33 nM and 55 nM respectively; potently protects mice from death induced by PAF and due to anaphylactic shock with ED ₅₀ of 2.1 and 2.6 ug/kg (i.v.), respectively; also reverses PAF-induced hypotension and endotoxin-induced hypotension in rats.Coagulation Disorder Phase 2 Discontinued
Pathway	: GPCR/G Protein
Target	: Platelet-activating Factor Receptor
Receptor	: Platelet-activating Factor Receptor
Solubility	: —
SMILES	: <chem>CCC[N+]1=CC(C(N(CCC(NCCCOC(=O)N2CC3=C(C=CC=C3)CC2)=O)=O)C4=CC=CC=C4)=O)CC(Br)=C1.[O-][N+](O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Terashita Z, et al. J Pharmacol Exp Ther. 1992 Feb;260(2):748-55.| 2. Motoyama N, et al. Eur J Pain. 2013 Sep;17(8):1156-67.| 3. Kuipers B, et al. J Immunol. 1994 Mar 1;152(5):2438-46.