

Product Name	: CV-6209
Synonyms	: CV 6209; CV6209
Cat No.	: M10036
CAS Number	: 100488-87-7
Molecular Formula	: C ₃₄ H ₆₀ N ₃ O ₆ Cl
Formula Weight	: 642.30
Chemical Name	: 2-[N-acetyl-N-(2-methoxy-3-octadecylcarbamoyloxypropoxycarbonyl) aminomethyl]-1-ethylpyridinium chloride
Description	: A highly potent, selective platelet activating factor (PAF) inhibitor with IC ₅₀ of 75 and 170 nM for aggregation inhibition of rabbit and human platelets induced by PAF; shows little to no effects on the aggregation induced by arachidonic acid, ADP and collagen; inhibited PAF-induced hypotension in rats (ED ₅₀ =0.009 mg/kg i.v.) with no effect on the hypotension induced by arachidonic acid, histamine, bradykinin and isoproterenol. Ulcer Discontinued
Pathway	: GPCR/G Protein
Target	: Platelet-activating Factor Receptor
Receptor	: Platelet-activating Factor Receptor
Solubility	: —
SMILES	: <chem>O=C(OCC(OC)COC(N(C(C)=O)CC1=CC=CC=[N+]1CC)=O)NCCCCCCCCCCCCCCCCCCC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Terashita Z, et al. J Pharmacol Exp Ther. 1987 Jul;242(1):263-8. 2. Terashita Z, et al. J Cardiovasc Pharmacol. 1988;12(5):505-11. 3. Stahl GL, et al. J Pharmacol Exp Ther. 1988 Mar;244(3):898-904. 4. Takatani M, et al. J Med Chem. 1989 Jan;32(1):56-64.