

Product Name	: (Rac)-Modipafant
Synonyms	: —
Cat No.	: M34339
CAS Number	: 122956-68-7
Molecular Formula	: C ₃₄ H ₂₉ ClN ₆ O ₃
Formula Weight	: 605.09
Chemical Name	: —
Description	: (Rac)-Modipafant (UK-74505) is an orally active, selective, long-acting irreversible platelet activating factor receptor (PAFR) antagonist. (Rac)-Modipafant prevents dengue infection.
Pathway	: Others
Target	: Other Targets
Receptor	: PAFR
Solubility	: In Vitro: ?DMSO : 50 mg/mL (82.63 mM; Ultrasonic)
SMILES	: <chem>O=C(OCC)C1=C(NC(=C(C(=O)NC2=NC=CC=C2)C1C=3C=CC=CC3Cl)C)C=4C=CC(=CC4)N5C(=NC=6C=NC=CC65)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. O'Connor BJ, et al. Inhibitory effect of UK,74505, a potent and specific oral platelet activating factor (PAF) receptor antagonist, on airway and systemic responses to inhaled PAF in humans. Am J Respir Crit Care Med. 1994;150(1):35-40.?