

## Product Data Sheet

Product Name: Foropafant

Cat. No.: GC36066

### Chemical Properties

Cas. No. 136468-36-5

SMILES CC(C)C1=CC(C(C)C)=C(C2=CSC(=N2)N(CCN(C)C)CC2=CC=CN=C2)C(=C1)C(C)C

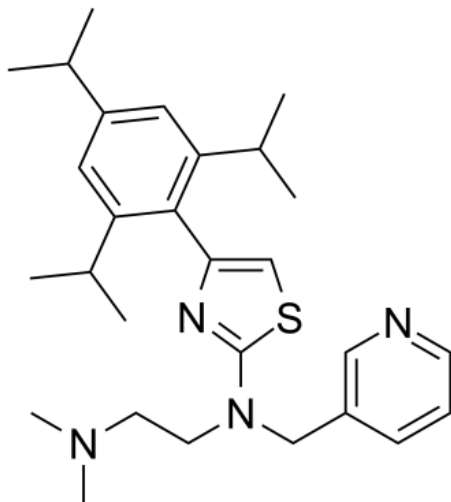
Formula  $C_{28}H_{40}N_4S$  M.Wt 464.72

Solubility DMSO : 100 mg/mL (215.18 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

Foropafant (SR27417) highly potent, competitive, selective and orally active antagonist of platelet-activating factor (PAF) receptor, with a  $K_i$  value of 57 pM for  $[^3H]$ PAF binding, at least 5-fold lower than that of unlabeled PAF itself. Foropafant potently inhibits PAF-induced aggregation of rabbit and human platelets[1].  $K_i$ : 57 pM ( $[^3H]$ PAF binding)[1]

[1]. Herbert JM, et al. Biochemical and pharmacological activities of SR 27417, a highly potent, long-

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

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acting platelet-activating factor receptor antagonist. J Pharmacol Exp Ther. 1991 Oct;259(1):44-51.

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