

Product Data Sheet

Product Name: PM-43I
Cat. No.: GC71016

Chemical Properties

Cas. No. 1637532-77-4

Formula $C_{38}H_{50}F_2N_3O_{10}P$ M.Wt 777.79

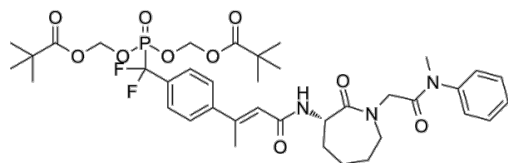
Solubility DMSO : 35 mg/mL (45.00 mM);
ultrasonic and warming and heat to
60°C; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage -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

PM-43I is a potent STAT6 inhibitor and can reduce STAT6 phosphorylation level. PM-43I can be used in allergic lung disease, allergic rhinitis, chronic pulmonary obstructive disease and cancer

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

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research[1].

PM-43I (0.05-5 μ M; 2 h) inhibits IL-4 stimulated phosphorylation of STAT6 in Beas-2B immortalized human airway cells^[1].

PM-43I (intranasal administration; 5 μ g per mouse; every other day; 18 d) activity is restricted to the lung by intranasal administration^[1].

References:

[1]. John S. McMurray, et al. Stat6 inhibitors. WO2014182928A2.

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