

Product Data Sheet

Product Name: AMPK activator 1

Cat. No.: GC35327

Chemical Properties

Cas. No. 1152423-98-7

SMILES O=C(C1=CC2=CC(OC3CCN(C4=CC=C(C(F)(F)F)C=C4)CC3)=CC=C2O1)NC5CCN(C6=CC=NC=C6)CC5

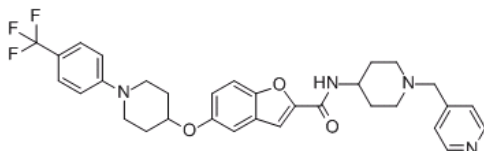
Formula $C_{32}H_{33}F_3N_4O_3$ M.Wt 578.62

Solubility Soluble in DMSO 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

AMPK activator 1 is an AMPK activator extracted from patent WO2013116491A1, compound No.1-75, has an EC₅₀ of <0.1 μM.

AMPK activator 1 (Compound No.1-75) activates AMPK using an enzyme-linked immunosorbent assay[1].

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

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References:

[1]. GOFF DANE, et al. CARBOXAMIDE, SULFONAMIDE AND AMINE COMPOUNDS AND METHODS FOR USING THEM. WO2013116491A1.

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