

Product Data Sheet

Product Name: Abemaciclib Metabolites M2

Cat. No.: GC35218

Chemical Properties

Cas. No. 1231930-57-6

SMILES CC(N1C2=CC(C3=NC(NC4=NC=C(CN5CCNCC5)C=C4)=NC=C3F)=CC(F)=C2N=C1C)C

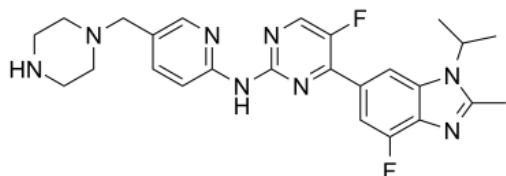
Formula $C_{25}H_{28}F_2N_8$ M.Wt 478.54

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

Abemaciclib Metabolites M2 is a metabolite of abemaciclib, acts as a potent CDK4 and CDK6 inhibitor, with IC₅₀s in the range of 1-3 nM. Anti-cancer activity[1]. CDK4|1-3 nM (IC₅₀)|CDK6|1-3 nM (IC₅₀)

[1]. Teresa Burke, et al. Abstract 2830: The major human metabolites of abemaciclib are inhibitors of CDK4 and CDK6. Cancer Research. July 2016, 76 (14).

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

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