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## Product Data Sheet

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Product Name: PERK-IN-2

Cat. No.: GC69687

### Chemical Properties

Cas. No. 1337531-83-5

Formula  $C_{23}H_{18}F_3N_5O$  M.Wt 437.42

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

IC50: 0.2 nM (PERK)<sup>[1]</sup>

PERK-IN-2 is a potent **Inhibited PERK autophosphorylation in A459 cells.**

**[1]. Axten JM , et al. Discovery of 7-methyl-5-(1-([3-(trifluoromethyl)phenyl]acetyl)-2,3-dihydro-1H-indol-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine (GSK2606414), a potent and selective first-in-class inhibitor of protein kinase R (PKR)-like endoplasmic reticulum**

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

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