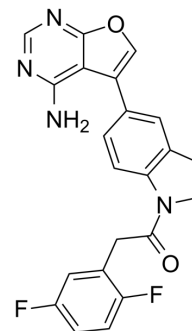


## PERK-IN-3

Cat. No.:	HY-130643
CAS No.:	1337532-08-7
Molecular Formula:	C <sub>22</sub> H <sub>16</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	406.38
Target:	PERK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	PERK-IN-3 is a potent PERK inhibitor with an IC <sub>50</sub> of 7.4 nM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 7.4 nM (PERK) <sup>[1]</sup>

## REFERENCES

[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 kinase (PERK). *J Med Chem.* 2012 Aug 23;55(16):7193-207.

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

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