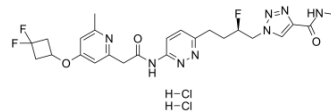


IPN-60090 dihydrochloride

Cat. No.:	HY-103671A
CAS No.:	2102101-72-2
Molecular Formula:	C ₂₄ H ₂₉ Cl ₂ F ₃ N ₈ O ₃
Molecular Weight:	605.44
Target:	Glutaminase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	IPN-60090 dihydrochloride is an orally bioavailable and selective inhibitor of GLS1 (the kidney-type glutaminase) , an important enzyme for metabolic energy production. IPN-60090 dihydrochloride can be used in the research of GLS1-mediated diseases ^{[1][2]} .
IC ₅₀ & Target	GLS1 ^[1]
In Vitro	IPN-60090 dihydrochloride (Example 1) has an IC ₅₀ against GLS1 and an EC ₅₀ against A549 cell proliferation of <100 nM ^[2] .

REFERENCES

- [1]. Maria Emilia Di Francesco, et al. Gls1 inhibitors for treating disease. WO2016004404A2.
- [2]. Philip Jones, et al. Salt forms and polymorphs of (r)-1-(4-(6-(2-(4-(3,3-difluorocyclobutoxy)-6-methylpyridin-2-yl)acetamido) pyridazin-3-yl)-2-fluorobutyl)-n-methyl-1h-1,2,3-triazole-4-carboxamide. US20170174661A1.

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

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