



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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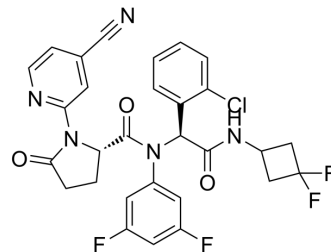
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AGI-14100

Cat. No.:	HY-120181
CAS No.:	1448346-43-7
Molecular Formula:	C ₂₉ H ₂₂ ClF ₄ N ₅ O ₃
Molecular Weight:	599.96
Target:	Isocitrate Dehydrogenase (IDH)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AGI-14100 is a metabolically stable and orally available mIDH1 inhibitor (IC ₅₀ =6 nM). The pharmacochemical optimization of AGI-14100 is aimed at eliminating hPXR activation, resulting in the final drug candidate AG-120. AG-120 can be used in the study of cancers carrying IDH1 mutations. The discovery and development of AGI-14100 can be used for further studies of mutant isocitrate dehydrogenase 1 (mIDH1) inhibitors ^[1] .
IC ₅₀ & Target	mIDH 6 nM (IC ₅₀)

REFERENCES

[1]. Popovici-Muller J, et al. Discovery of AG-120 (ivosidenib): a first-in-class mutant IDH1 inhibitor for the treatment of IDH1 mutant cancers[J]. ACS medicinal chemistry letters, 2018, 9(4): 300-305.

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

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