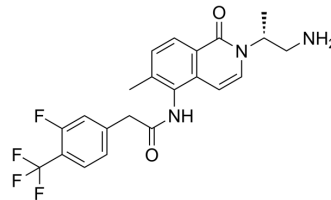


P2X7-IN-2

Cat. No.:	HY-18725
CAS No.:	1058709-63-9
Molecular Formula:	C ₂₂ H ₂₁ F ₄ N ₃ O ₂
Molecular Weight:	435.41
Target:	P2X Receptor; Interleukin Related
Pathway:	Membrane Transporter/Ion Channel; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	P2X7-IN-2 (compound 58) is a P2X7 receptor inhibitor. P2X7-IN-2 inhibits IL-1 β release with an IC ₅₀ value of 0.01 nM. P2X7-IN-2 can be used for the research of autoimmunity, inflammation and cardiovascular disease ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.01 nM (human whole blood IL-1 β release) ^[1]
In Vitro	P2X7-IN-2 (0-1 μ M;30 min) inhibits human whole blood IL-1 β release with an IC ₅₀ value of 0.01 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kelly, Michael G, et al. Preparation of isoquinolonecarboxamides as P2X7 purinoceptor modulators and uses thereof. WO2008112205 A1. 2008.

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

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