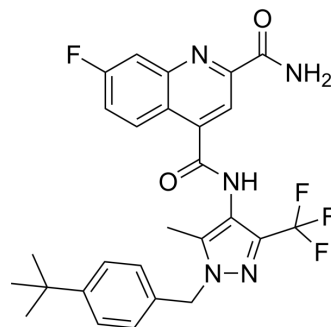


BAY-588

Cat. No.:	HY-121086
CAS No.:	1799759-24-2
Molecular Formula:	C ₂₇ H ₂₅ F ₄ N ₅ O ₂
Molecular Weight:	527.51
Target:	GLUT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BAY-588 is a selective inhibitor of GLUT1 with an IC ₅₀ value of 1.18 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ =1.18 μM (GLUT1) ^[1] , IC ₅₀ >10 μM (GLUT2) ^[1] , IC ₅₀ =5.47 μM (GLUT3) ^[1] , IC ₅₀ =0.5 μM (GLUT4) ^[1]

REFERENCES

[1]. Holger Siebeneicher, et, al. Identification and Optimization of the First Highly Selective GLUT1 Inhibitor BAY-876. ChemMedChem. 2016, 11, 20.

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

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