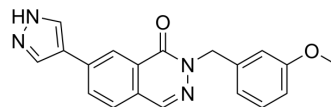


GRK2 Inhibitor 2

| | |
|--------------------|---|
| Cat. No.: | HY-156863 |
| CAS No.: | 2592436-21-8 |
| Molecular Formula: | C ₁₉ H ₁₆ N ₄ O ₂ |
| Molecular Weight: | 332.36 |
| Target: | G Protein-coupled Receptor Kinase (GRK) |
| Pathway: | GPCR/G Protein |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

GRK2 Inhibitor 2 (Compound 8h) is a GRK2 inhibitor (IC₅₀: 19 nM). GRK2 Inhibitor 2 also inhibits Aurora-A (IC₅₀: 137 nM). GRK2 Inhibitor 2 promotes β-AR-mediated cAMP accumulation in GRK2-overexpressed HEK293 cells. GRK2 Inhibitor 2 can be used for research of congestive heart failure (HF)^[1].

REFERENCES

[1]. Xu G, et al. Hit-to-lead optimization and discovery of a potent, and orally bioavailable G protein coupled receptor kinase 2 (GRK2) inhibitor. *Bioorg Med Chem Lett.* 2020 Dec 1;30(23):127602.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA