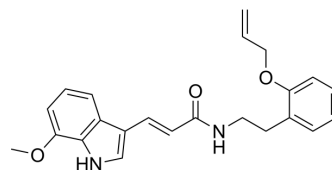


Jl130

| | |
|--------------------|---|
| Cat. No.: | HY-124484 |
| CAS No.: | 2234271-86-2 |
| Molecular Formula: | C ₂₃ H ₂₄ N ₂ O ₃ |
| Molecular Weight: | 376.45 |
| Target: | Notch |
| Pathway: | Neuronal Signaling; Stem Cell/Wnt |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Jl130 (Jl051 derivative?) is a stabilizer for the Hes1-PHB2 interaction. Jl130 inhibits the ability of Hes1 to repress transcription. Jl130 significantly reduces the tumor growth in a murine pancreatic tumor model and has the potential for managing pancreatic cancer^[1].

REFERENCES

[1]. Amelie Perron, et al. Small-molecule screening yields a compound that inhibits the cancer-associated transcription factor Hes1 via the PHB2 chaperone. *J Biol Chem.* 2018 May 25;293(21):8285-8294.

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

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