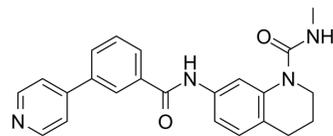


DC-CPin711

| | |
|--------------------|---|
| Cat. No.: | HY-147868 |
| CAS No.: | 2447559-21-7 |
| Molecular Formula: | C ₂₃ H ₂₂ N ₄ O ₂ |
| Molecular Weight: | 386.45 |
| Target: | Epigenetic Reader Domain; Apoptosis |
| Pathway: | Epigenetics; Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | DC-CPin711 is a potent and selective inhibitor of CREB-binding protein (CBP) bromodomain with an IC ₅₀ of 0.0626 μM. DC-CPin711 arrests cell cycle at G1 phase and induces apoptosis ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 0.0626 μM (CBP bromodomain) ^[1] |

REFERENCES

[1]. Chen Y, et al. Design, synthesis, and biological evaluation of tetrahydroquinolin derivatives as potent inhibitors of CBP bromodomain. *Bioorg Chem.* 2020 Aug;101:103991.

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

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