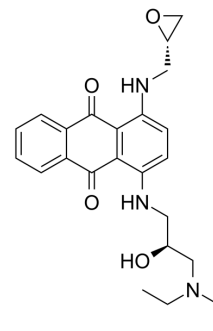


BDA-366

| | |
|--------------------|---|
| Cat. No.: | HY-101083 |
| CAS No.: | 1909226-00-1 |
| Molecular Formula: | C ₂₄ H ₂₉ N ₃ O ₄ |
| Molecular Weight: | 423.5 |
| Target: | Bcl-2 Family |
| Pathway: | Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | BDA-366 is a potent Bcl2 antagonist ($K_i = 3.3$ nM), binding Bcl2-BH4 domain with high affinity and selectivity. BDA-366 induces conformational change in Bcl2 that abrogates its antiapoptotic function, converting it from a survival molecule to a cell death inducer. BDA-366 suppresses growth of lung cancer cells ^[1] . |
| IC ₅₀ & Target | Bcl-2 3.3 nM (K _i) |

REFERENCES

[1]. Han B, Park D, Li R, et al. Small-Molecule Bcl2 BH4 Antagonist for Lung Cancer Therapy. *Cancer Cell*. 2015;27(6):852-863.

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

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