SNIPER

IAP-dependent Protein Eraser, Specific and Nongenetic inhibitor of apoptosis protein [IAP]-dependent Protein Eraser

Specific and Non-genetic inhibitor of apoptosis protein [IAP]-dependent Protein Erasers (SNIPER) is designed to induce IAP-mediated ubiquitylation and proteasomal degradation of target proteins. SNIPER and PROTAC are hybrid molecules composed of two different ligands connected by a linker; one ligand is for a target protein and the other is for E3 ubiquitin ligases. A series of SNIPER(ABL) compounds are synthesized by combination of various inhibitors (e.g. ABL, BRD, AR, ER) and IAP ligands, and the linker is optimized for protein knockdown activity.

SNIPER

Biotin-BS

Cat. No.: HY-111879

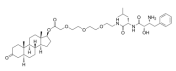
Biotin-BS contains two different ligands, methyl-bestatin (MeBS) for cIAP1 and biotin, which are connected by linkers. MeBS as a ligand for cellular inhibitor of apoptosis protein 1 (cIAP1) ubiquitin ligase.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

PROTAC AR Degrader-4

Cat. No.: HY-111848

PROTAC AR Degrader-4 comprises a **cIAP1** ligand binding group, a linker and an **androgen receptor** (**AR**) binding group. PROTAC AR Degrader-4 is an **AR** degrader. Degradation inducers based on cIAP1 are called specific and non-genetic IAP-dependent protein erasers (**SNIPER**s).

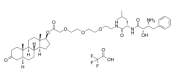


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

PROTAC AR Degrader-4 TFA

Cat. No.: HY-111848A

PROTAC AR Degrader-4 comprises a **cIAP1** ligand binding group, a linker and an **androgen receptor** (**AR**) binding group. PROTAC AR Degrader-4 is an **AR** degrader. Degradation inducers based on cIAP1 are called specific and non-genetic IAP-dependent protein erasers (**SNIPER**s).

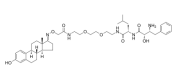


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

PROTAC ERα Degrader-2

Cat. No.: HY-111846

PROTAC ERα Degrader-2 comprises a **cIAP1** ligand binding group, a linker and an **estrogen receptor α** (**ERα**) binding group. PROTAC ERα Degrader-2 is an **ERα** degrader. Maximal ERα degradation at 30 μM concentration in human mammary tumor MCF7 cells.

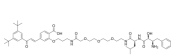


Purity: 98.02%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg

PROTAC RAR Degrader-1

Cat. No.: HY-111844

PROTAC RAR Degrader-1 comprises a **cIAP1** ligand binding group, a linker and a **RAR** ligand binding group. PROTAC RAR Degrader-1 is an **RAR** degrader. Maximal RAR degradation at 30 μM concentration in HT1080 cells.

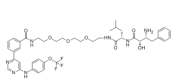


Purity: 95.02%
Clinical Data: No Development Reported
Size: 1 mg

SNIPER(ABL)-013

Cat. No.: HY-111860

SNIPER(ABL)-013, conjugating GNF5 (ABL inhibitor) to Bestatin (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC_{50} of 20 μM.

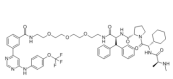


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SNIPER(ABL)-015

Cat. No.: HY-111854

SNIPER(ABL)-015, conjugating GNF5 (ABL inhibitor) to MV-1 (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC_{50} of 5 μM .

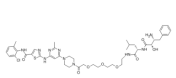


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SNIPER(ABL)-020

Cat. No.: HY-111872

SNIPER(ABL)-020, conjugating Dasatinib (ABL inhibitor) to Bestatin (IAP ligand) with a linker, induces the reduction of BCR-ABL protein.

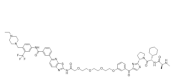


Purity: 99.44%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 500 mg

SNIPER(ABL)-033

Cat. No.: HY-111871

SNIPER(ABL)-033, conjugating HG-7-85-01 (ABL inhibitor) to LCL161 derivative (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC_{50} of 0.3 μM.

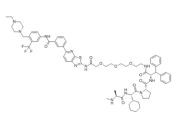


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SNIPER(ABL)-047

Cat. No.: HY-111863

SNIPER(ABL)-047, conjugating HG-7-85-01 (ABL inhibitor) to MV-1 (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC_{50} of 2 μM.

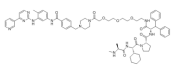


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SNIPER(ABL)-050

Cat. No.: HY-111858

SNIPER(ABL)-050, conjugating Imatinib (ABL inhibitor) to MV-1 (IAP ligand) with a linker, induces the reduction of **BCR-ABL** protein.

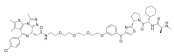


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SNIPER(BRD)-1

Cat. No.: HY-111875

SNIPER(BRD)-1, consists of an IAP antagonist LCL-161 derivative and a BET inhibitor, (+)-JQ-1, connected by a linker. SNIPER(BRD)-1 induces the degradation of **BRD4** via the ubiquitin-proteasome pathway.



Purity: 98.40%
Clinical Data: No Development Reported
Size: 1 mg