

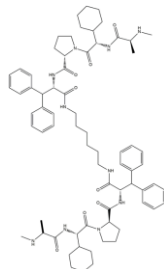
PRODUCT: BV6

ALTERNATE NAMES: BV-6, BV 6, IAP protein inhibitor

CATALOG #: B1332-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₇₀H₉₆N₁₀O₈

MOLECULAR WEIGHT: 1205.57

CAS NUMBER: 1001600-56-1

APPEARANCE: White solid powder

SOLUBILITY: DMSO: ≥ 58 mg/ml

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light.

DESCRIPTION: BV6, a small-molecule Smac mimetic, is an antagonist of IAP proteins and induces autoubiquitination and subsequent proteasomal degradation of cIAP1 and cIAP2. It is a selective inhibitor of IAP family with IC₅₀ value of 7.2 μM when tested with H460 cells. IAP (inhibitor of apoptosis) is a family protein consists of 8 members and serves as endogenous inhibitors of programmed cell death.

REFERENCES:
 1. Li W et al., J Thorac Oncol, 2011 Nov;6(11):1801-9.
 2. Uegaki T et al., Hum Reprod. 2015 Jan;30(1):149-58.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Birinapant (Cat# 2597)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans*