

BMSpep-57 hydrochloride Biochemical | BMSpep-57 biochemical

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CATALOG #
AAA227227

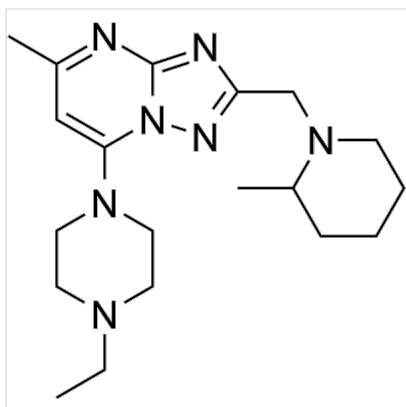
PRODUCT SYNONYMS

BMSpep-57 hydrochloride; BMSpep-57 biochemical

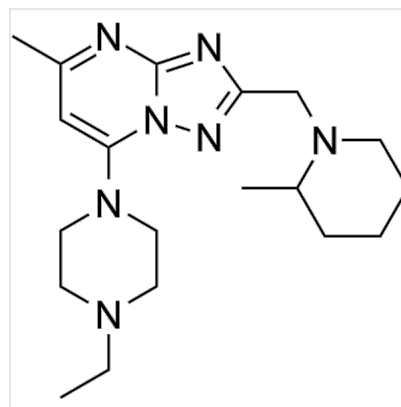
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	In a ELISA competition assay, BMSpep-57 inhibits PD-1/PD-L1 binding up to 98.1% 300 nM. And it shows a concentration dependent inhibition of PD-1/PD-L1 binding with an IC ₅₀ of 7.68 nM[1].BMSpep-57 induced high levels of IL-2 at 1 uM and 500 nM concentrations in SEB-stimulated peripheral blood mononuclear cells[1].BMSpep-57 (0.2-10 uM; 24 hours) does not show any effect on the Jurkat, CHO and HepG2 cells' viability at the various concentrations tested[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
UBE2T/FANCL-IN-1, CAS 1359415-02-3



Structure
UBE2T/FANCL-IN-1, CAS 1359415-02-3

ADDITIONAL INFORMATION

Related Product Information for BMSpep-57 biochemical	BMSpep-57 hydrochloride is a potent and competitive macrocyclic peptide inhibitor of PD-1/PD-L1 interaction with an IC ₅₀ of 7.68 nM. BMSpep-57 hydrochloride binds to PD-L1 with K _d s of 19 nM and 19.88 nM in MST and SPR assays, respectively. BMSpep-57 hydrochloride facilitates T cell function by increasing IL-2 production in PBMCs[1].
References	1. Cornwell MJ, et al. Small-Molecule Inhibition of UBE2T/FANCL-Mediated Ubiquitylation in the Fanconi Anemia Pathway. ACS Chem Biol. 2019;14(10):2148-2154.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

