

SHP2-D26 biochemical

SHP2-D26

CATALOG #
AAA228456

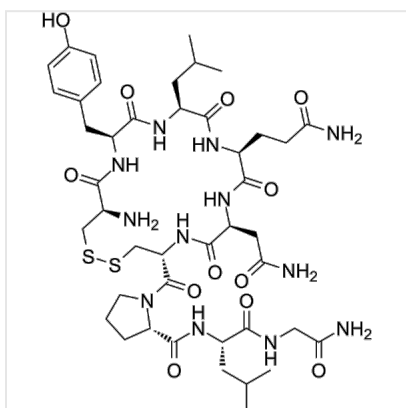
PRODUCT SYNONYMS

SHP2-D26; SHP2-D26 biochemical

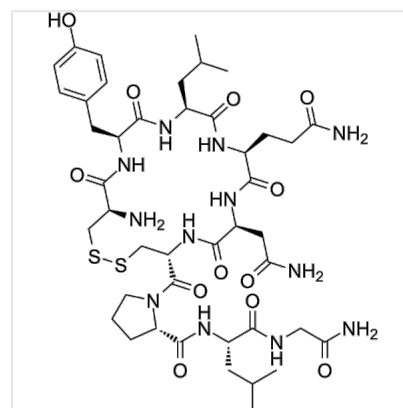
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2458219-65-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	SHP2-D26 (0, 3, 10, 30, 100, 300 nM; 12 hours) effectively reduces SHP2 protein in a dosedependent manner, with DC 50 values of 6.0 nM, 2.6 nM in KYSE520 and MV-4-11 cells, respectively[1]. SHP2-D26 (100 nM; 0, 2, 4, 8, 12, 24 hours) reduces the SHP2 protein level within 4 h and completes SHP2 depletion with 8 h in KYSE520 and MV-4-11 cells[1]. SHP2-D26 (0-100 uM for KYSE520 cells; 0-10 nM for MV-4-11 cells; 4 days) achieves IC 50 values of 0.66 uM, 0.99 nM in KYSE520 and MV-4-11 cells, respectively[1]. Cell Proliferation Assay[1]Cell Line: KYSE520 and MV-4-11 cells Concentration: 0-100 uM for KYSE520 cells; 0-10 nM for MV-4-11 cells Incubation Time: 4 days. Result: Achieved IC 50 values of 0.66 uM, 0.99 nM in KYSE520 and MV-4-11 cells, respectively. Western Blot Analysis[1]Cell Line: KYSE520 and MV-4-11 cells Concentration: 0, 3, 10, 30, 100, 300 nM Incubation Time: 12 hours. Result: Reduced SHP2 protein in a dosedependent manner, with DC 50 values of 6.0 and 2.6 nM in KYSE520 and MV-4-11 cells, respectively. Western Blot Analysis[1]Cell Line: KYSE520 and MV-4-11 cells Concentration: 100 nM Incubation Time: 0, 2, 4, 8, 12, 24 hours. Result: Reduced the SHP2 protein level within 4 h and completed SHP2 depletion with 8 h.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
[Leu3]-Oxytocin, CAS 4294-11-5



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ADDITIONAL INFORMATION

Related Product Information for SHP2-D26 biochemical

SHP2-D26 is a first, potent and effective SHP2 degrader. SHP2-D26 induces SHP2 degradation requires binding to VHL-1 and SHP2 proteins. SHP2-D26 is also neddylation- and proteasome-dependent.

References

1. Krejčí I, et al. Effect of magnesium on the action of oxytocin and a group of analogues on the uterus in vitro. Eur J Pharmacol. 1968;2(5):393-398.

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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/shp2-d26/228456>