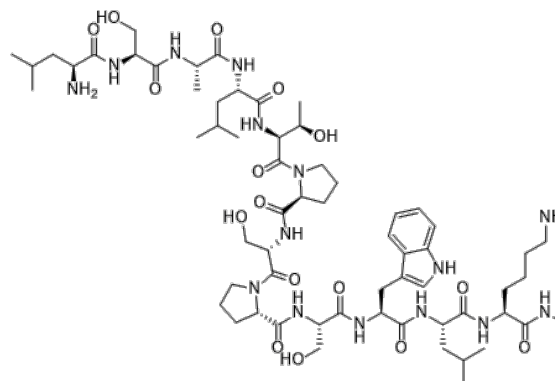


**Product Name** : LSALT peptide  
**Cat. No.** : PC-38773  
**CAS No.** : 2567713-50-0  
**Molecular Formula** : C<sub>85</sub>H<sub>136</sub>N<sub>20</sub>O<sub>21</sub>  
**Molecular Weight** : 1774.14  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 2567713-50-0

## Biological Activity

Metablock (LSALT peptide) is a specific DPEP1-binding peptide and nonenzymatic **dipeptidase-1** (DPEP-1) inhibitor.

LSALT peptide binds specifically to DPEP1 with no detectable binding to DPEP2 or DPEP3.

LSALT peptide significantly reduces neutrophil recruitment to the lungs and liver and provides improved survival in models of endotoxemia.

LSALT peptide blocks neutrophil adhesion to peritubular capillaries and reduces inflammatory monocyte recruitment to the kidney after IRI.

## References

Arthur Lau, et al. **Sci Adv.** 2022 Feb 4;8(5):eabm0142.

Choudhury S. R., et al. **Cell.** 178, 1205-1221.e17 (2019).

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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