

Product Name : AM-111
Cat. No. : PC-47480
CAS No. : 1445179-97-4
Molecular Formula : C₁₆₄H₂₈₆N₆₆O₄₀
Molecular Weight : 3822.44
Target : JNK
Solubility : H₂O: >50 mg/mL

—GRKKRRQRRRPPRKRPTTLNLFQVPRSQDT

Biological Activity

Brimapitide (KU002, D-JNKI-1, XG-102, AM-111) is a cell-permeable peptide inhibitor of JNK kinases.

Brimapitide blocks apoptotic JNK signaling in brain mitochondria.

Brimapitide decreases the expression of CD4(+) and CD8(+) cells, effects T-cell activation, differentiation, and migration in a murine model of chronic colitis.

Brimapitide prevents hearing loss from SC transection in the guinea pig model of PA-OM.

References

Eshraghi AA, et al. *Otol Neurotol*. 2006 Jun;27(4):504-11.

Zhao Y, et al. *Mol Cell Neurosci*. 2012 Mar;49(3):300-10.

Kersting S, et al. *J Inflamm Res*. 2013 May 3;6:71-81.

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

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