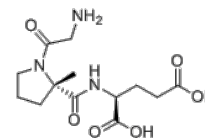


Product Name : Trofinetide
Cat. No. : PC-61796
CAS No. : 853400-76-7
Molecular Formula : C₁₃H₂₁N₃O₆
Molecular Weight : 315.322
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Trofinetide (NNZ 2566) is a peptidomimetic tripeptide Gly-Pro-Glu that has anti-inflammatory and neuroprotective properties against hypoxic-ischemic brain injury and neurodegeneration.

Trofinetide (NNZ 2566) improves functional recovery and attenuates apoptosis and inflammation in a rat model of penetrating ballistic-type brain injury.

Trofinetide (NNZ 2566) significantly reduces injury-mediated up-regulation of IL-1beta, TNF-alpha, E-selectin and IL-6 mRNA in the injured brain in rats.

References

Bickerdike MJ, et al. *J Neurol Sci.* 2009 Mar 15;278(1-2):85-90.

Lu XC, et al. *J Cereb Blood Flow Metab.* 2009 Dec;29(12):1924-32.

Wei HH, et al. *J Neuroinflammation.* 2009 Aug 5;6:19.

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

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