
Carbetocin

产品编号: D60143

CAS: 37025-55-1

分子式: C₄₅H₆₉N₁₁O₁₂S

纯度: 98%

外观: 固体粉末

作用通路: Endocrinology/Hormones

作用靶点: Oxytocin Receptor

溶解性: Soluble in DMSO、H₂O

保存条件: -20°C

产品介绍: Carbetocin, an oxytocin (OT) analogue, is an oxytocin receptor agonist with a K_i of 7.1 nM. Carbetocin has high affinity to chimeric N-terminus (E1) of the oxytocin receptor ($K_i=1.17 \mu\text{M}$). Carbetocin has the potential for postpartum hemorrhage research. Carbetocin can cross the blood-brain barrier and produces antidepressant-like activity via activation of oxytocin receptors in the CNS