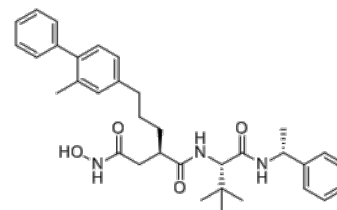


Product Name : UK 356618
Cat. No. : PC-62402
CAS No. : 230961-08-7
Molecular Formula : C₃₄H₄₃N₃O₄
Molecular Weight : 557.72
Target : Matrix Metalloproteinase (MMP)
Solubility : 10 mM in DMSO



Biological Activity

UK 356618 (UK356618) is a potent and selective **MMP3** inhibitor with IC₅₀ of 5.9 nM, shows >140-fold less potent against MMP-1 (IC₅₀=51000 nM), MMP-2 (IC₅₀=1790 nM), MMP-9 (IC₅₀=840 nM) and MMP-14 (IC₅₀=1900 nM).

UK 356618 significantly reduces hemorrhagic transformation and improves functional outcomes in hyperglycemic stroke.

References

Fray MJ, et al. *Bioorg Med Chem Lett*. 2001 Feb 26;11(4):571-4.

Hafez S, et al. *Stroke*. 2016 Mar;47(3):843-51.

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

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