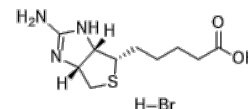


Product Name : 2-Iminobiotin hydrobromide
Cat. No. : PC-28057
CAS No. : 76985-52-9
Molecular Formula : C₁₀H₁₈BrN₃O₂S
Molecular Weight : 324.24
Target : Nitric Oxide Synthase (NOS)
Solubility : 10 mM in DMSO



Biological Activity

2-Iminobiotin hydrobromide (2-IB, Guanidinobiotin) is a biotin analog with neuroprotective properties, is a selective, reversible inhibitor of neuronal and inducible **nitric oxide synthase** (NOS) with Ki of 21.8 and 37.5 μ M for murine iNOS and rat n-cNOS.

References

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Peeters-Scholte C, et al. *PLoS One*. 2023 Sep 25;18(9):e0291915.

Peeters-Scholte C, et al. *Stroke*. 2002 Sep;33(9):2304-10.

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

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