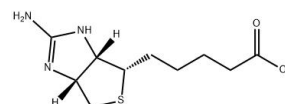


Technical Data Sheet

2-IMINOBIOTIN HYDROBROMIDE

Compound Information

Product Name:	2-IMINOBIOTIN HYDROBROMIDE
CAS No.:	13395-35-2
Molecular Formula:	C ₁₀ H ₁₇ N ₃ O ₂ S
Molecular Weight:	243.33
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	2-Iminobiotin (Guanidinobiotin) is a biotin (vitamin H or B7) analog. 2-Iminobiotin is a reversible nitric oxide synthases inhibitor with Kis of 21.8 and 37.5µM for murine iNOS and rat n-cNOS, respectively. 2-Iminobiotin superimposes on hypothermia protec
Form	White to off-white powder.
Color	White to off-white
Purity (TLC)	≥ 98%
Solubility	1 M HCl: 50 mg/mL, clear, colorless
Water Content (KF)	< 20%

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with anyother materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.