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DATASHEET

Aminoguanidine bicarbonate

Product overview

Name Aminoguanidine bicarbonate

Cat NoHB0111Biological actionInhibitorPurity>98%DescriptionNOS inhibitor

Biological Data

Biological description NOS inhibitor. Inhibits constitutive and inducible NOS in intestinal microvasculature. Shows anti-

inflammatory and anti-oxidant actions. Also shows actions against Multiple Sclerosis (EAE) and

Alzheimer's disease.

Solubility & Handling

Solubility overview Soluble in water (3.3mg/ml, 30 °C) or water (2.7mg/ml, 20 °C)

Storage instructions +4°

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight 136.11 Chemical structure

H₂N₂N₃HCC

Molecular Formula CH₆N₄.H₂CO₃
CAS Number 2582-30-1
PubChem identifier 164944

SMILES OC(O)=O.NNC(N)=N