PRODUCT INFORMATION

Picotamide
Item No. 21690

CAS Registry No.: 32828-81-2
Formal Name: 4-methoxy-N₁,N₃-bis(3-pyridinylmethyl)-1,3-benzenedicarboxamide
MF: C₂₁H₂₀N₄O₃
FW: 376.4
Purity: ≥98%
Supplied as: A solid
Storage: Room temperature
Stability: ≥1 year

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Picotamide is supplied as a solid. A stock solution may be made by dissolving the picotamide in the solvent of choice. Picotamide is soluble in organic solvents such as ethanol and DMSO, which should be purged with an inert gas. The solubility of picotamide in these solvents is approximately 50 mM.

Description

Picotamide is an antiplatelet drug that inhibits both thromboxane A₂ (TXA₂) receptors (Kᵩ = 325 nM) and TXA₂ synthase.¹² It significantly inhibits basal and lipopolysaccharide-stimulated TXA₂ synthesis by rat peritoneal macrophages when used at 0.5 mM.³ Formulations containing picotamide have potential applications in the reduction of peripheral artery disease in patients with diabetes.¹

References