PRODUCT INFORMATION

Clopamide
Item No. 19356

CAS Registry No.: 636-54-4
Formal Name: rel-3-(aminosulfonyl)-4-chloro-N-(2R,6S-dimethyl-1-piperidinyl)benzamide
MF: C_{14}H_{20}ClN_{3}O_{3}S
FW: 345.8
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

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

Laboratory Procedures

Clopamide is supplied as a solid. A stock solution may be made by dissolving the clopamide in the solvent of choice. Clopamide is soluble in organic solvents such as ethanol and DMSO, which should be purged with an inert gas. The solubility of clopamide in ethanol is up to 10 mM (with warming) and up to 50 mM in DMSO.

Description

Clopamide is a thiazide-like diuretic that inhibits sodium/chloride cotransporters in the proximal convoluted tubule of the kidney, which prevents the reabsorption of sodium and chloride.\(^1\)\(^2\) This compound is intended for research purposes only.

References