

Product Information

Viquidil, Purity ≥98%

Cat. No.: X24-09-YM1444

Size: 5 mg; 10 mg; 50 mg; 100 mg

MDL: MFCD24682725

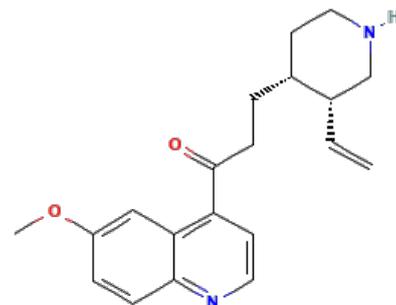
CAS Number: 84-55-9

Compound CID: 65753

Synonym: 84-55-9; Viquidilum; Quinicine;

1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone;

3-[(3*R*,4*R*)-3-Ethenylpiperidin-4-yl]-1-(6-methoxyquinolin-4-yl)propan-1-one



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Viquidil is a cerebral vasodilator compound. The molecular weight of the compound is 324.42, and its molecular formula is C ₂₀ H ₂₄ N ₂ O ₂ .
Molecular Weight	324.42
Molecular Formula	C ₂₀ H ₂₄ N ₂ O ₂
IUPAC Name	3-[(3 <i>R</i> ,4 <i>R</i>)-3-Ethenylpiperidin-4-yl]-1-(6-methoxyquinolin-4-yl)propan-1-one
InChI	InChI=1S/C20H24N2O2/c1-3-14-13-21-10-8-15(14)4-7-20(23)17-9-11-22-19-6-5-16(24-2)12-18(17)19/h3,5-6,9,11-12,14-15,21H,1,4,7-8,10,13H2,2H3/t14-,15+/m0/s1
InChI Key	DKRSEIPLAZTSFD-LSDHHAIUSA-N
Canonical SMILES	COC1=CC2=C(C=CN=C2C=C1)C(=O)CCC3CCNCC3C=C
Isomeric SMILES	C1C[C@H](CNC1)C(=O)NNC(=O)[C@@H]2CC[C@@H]3CN2C(=O)N3OS(=O)(=O)[O-].[Na+]
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Viquidil can be studied extensively for its potential therapeutic applications in the treatment of cardiovascular functions, although its specific mechanisms are still under investigation.
Storage	Store at -20°C, and keep desiccated.

