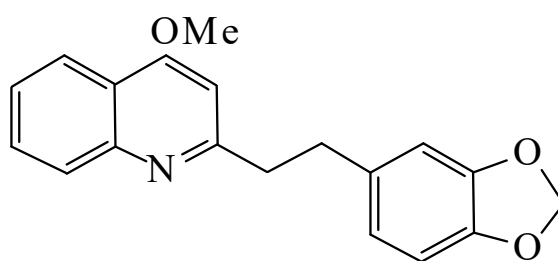




>>Entry Name: Cusparine

Synonym(s): 2-[2-(1,3-Benzodioxol-5-yl)ethyl]-4-methoxyquinoline, 9Cl. 2-[2-(3,4-Methylenedioxyphenyl)ethyl]-4-methoxyquinoline



CAS Registry Number: 529-92-0

Molecular Formula: C₁₉H₁₇NO₃

Molecular Weight: 307.348

Accurate Mass: 307.120844

Percentage Composition: C 74.25%; H 5.57%; N 4.56%; O 15.62%

Biological Source: Alkaloid from bark of *Galipea officinalis* (Rutaceae)

Use/Importance: Antispasmodic agent

Melting Point: Mp 91-92°

Calculated Log P Data: Log P 4.25 (calc)

>>Derivative: Hydrochloride

Melting Point: Mp 189-191°

References:

Späth, E. *et al.*, *Ber.*, 1924, **57**, 1243, (*synth*)

Fournet, A. *et al.*, *Can. J. Chem.*, 1989, **67**, 2116-2118, (*isol, pmr*)