



Formula: C17H19NO5

MW: 317.34

CAS: 20069-09-4

MDL: MFCD00075706

TNP: TNP00644

PIPERLONGUMIN; PIPERLONGUMINE; PIPLARTINE;  
5,6-DIHYDRO-1-[1-OXO-3-3,4,5-TRIMETHOXYPHENYL-TRANS-2-PROPENYL]-2(1H)-PYRIDIN-2(1H)-ONE; piperlongumine from long pepper;  
5,6-Dihydro-1-[1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl]pyridin-2(1H)-one



LogP: 1.23

LogS: -2.76

Acceptors: 5

Donors: 0

Rotation Bonds: 3

Chiral Centers: 0

N+O: 6

LIPINSKY: 4

IUPAC: 1-[(2E)-3-(3,4,5-trimethoxyphenyl)prop-2-enoyl]-1,5,6-trihydropyridin-2-one

Smiles: C1=CC(N(C(/C=Cc2cc(OC)c(c(c2)OC)OC)=O)CC1)=O

SOURCE: From Long peppers

Specification: PIPERLONGUMINE Chemical Properties:

mp 124C Safety Information WGK Germany 3 PIPERLONGUMINE Usage And Synthesis  
PIPERLONGUMINE