

Product Name	: Bruceine D
Synonyms	: Bruceine D; Bruceine-D
Cat No.	: M18239
CAS Number	: 21499-66-1
Molecular Formula	: C ₂₀ H ₂₆ O ₉
Formula Weight	: 410.41
Chemical Name	: (1R,2S,3R,3aR,3a1R,4R,6aR,7aS,11S,11aS)-1,2,3a,4,11-pentahydroxy-3,8,11a-trimethyl-1,2,3,3a,4,7,7a,11,11a,11b-decahydro-5H-3,3a1-(epoxymethano)dibenzo[de,g]chromene-5,10(6aH)-dione
Description	: Bruceine D from Brucea javanica, may have the potential to be used as a natural viricide, or a lead compound for new viricides. Bruceine D inhibits the growth of three pancreatic cancer cell lines, i.e., PANC-1, SW199 and CAPAN-1; induces cytotoxicity in Capan-2 cells via the induction of cellular apoptosis involving the mitochondrial pathway.
Pathway	: Others
Target	: Other Targets
Receptor	: Antiviral
Solubility	: —
SMILES	: <chem>CC1=CC(=O)C(C2(C1CC3C45C2C(C(C(C4(=O)O3)O)O)(OC5)C)O)C)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

