

Product Name	: Dehydrocavidine
Synonyms	: Dehydrocorydaline
Cat No.	: M24822
CAS Number	: 83218-34-2
Molecular Formula	: C ₂₁ H ₁₈ NO ₄
Formula Weight	: 348.4
Chemical Name	: —
Description	: Dehydrocavidine has antitumor activity, it inhibits MCF-7 cell proliferation by inducing apoptosis mediated by regulating Bax/Bcl-2, activating caspases as well as cleaving PARP.
Pathway	: Angiogenesis
Target	: Bcl-2
Receptor	: Bax;Bcl-2;PARP
Solubility	: —
SMILES	: <chem>COC1=CC(C2=C(C)C(C=CC3=C4OCO3)=C4C=[N+]2C=C5)=C5C=C1OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Selective binding and highly sensitive fluorescent sensor of palmatine and dehydrocorydaline alkaloids by cucurbit[7]uril.Org Biomol Chem. 2009 Jul 7;7(13):2699-703.