



>>Entry Name: Epothilone D

CAS Registry Number: 189453-10-9

Type of Compound Code(s): VX6935 VC0100

As Epothilone C, [HSG07-D](#) with
R = CH₃

Molecular Formula: C₂₇H₄₁NO₅S

Molecular Weight: 491.691

Accurate Mass: 491.270544

Percentage Composition: C 65.96%; H 8.40%; N 2.85%; O 16.27%; S 6.52%

Biological Source: Prod. by *Sorangium cellulosum*

Biological Use/Importance: Antitumour agent

References:

Nicolaou, K.C. *et al.*, *Angew. Chem., Int. Ed.*, 1997, **36**, 2097-2103; 1998, **37**, 84-87, (*synth, ir, pmr, cmr*)

Finlay, R., *Chem. Ind. (London)*, 1997, 991-996, (*rev*)

Mulzer, J. *et al.*, *J.O.C.*, 2000, **65**, 7456-7467, (*synth*)

White, J.D. *et al.*, *J.A.C.S.*, 2001, **123**, 5407-5413, (*synth*)