



Percentage Composition: C 25.57%; H 1.16%; Br 65.42%; O 7.86%

Biological Source: Metab. of *Dysidea* sp.

Physical Description: Viscous oil

>>**Derivative:** 5-Bromo

Synonym(s): 2,3',4,5,5'-Pentabromo-2',6-dihydroxydiphenyl ether. 2,3,5-Tribromo-6-(3,5-dibromo-2-hydroxyphenoxy)phenol

CAS Registry Number: 80246-26-0

Molecular Formula: C₁₂H₅Br₅O₃

Molecular Weight: 596.69

Accurate Mass: 591.71555

Percentage Composition: C 24.16%; H 0.84%; Br 66.96%; O 8.04%

Biological Source: Metab. of *Dysidea* sp.

Physical Description: Cryst. (CHCl₃)

Melting Point: Mp 183-184°

>>**Derivative:** 5-Bromo, 6-Me ether

Synonym(s): 2,3',4,5,5'-Pentabromo-6-methoxydiphenyl ether. 2,4-Dibromo-6-(2,4,5-tribromo-6-methoxyphenoxy)phenol

CAS Registry Number: 80246-34-0

Molecular Formula: C₁₃H₇Br₅O₃

Molecular Weight: 610.717

Accurate Mass: 605.7312

Percentage Composition: C 25.57%; H 1.16%; Br 65.42%; O 7.86%

Biological Source: Metab. of *Dysidea* sp.

Physical Description: Cryst. (CHCl₃)

Melting Point: Mp 202-204°

>>**Derivative:** 3,5-Dibromo

Synonym(s): 2,3,3',4,5,5'-Hexabromo-2',6-dihydroxydiphenyl ether. 2,3,4,5-Tetrabromo-6-(3,5-dibromo-2-hydroxyphenoxy)phenol

CAS Registry Number: 80246-27-1

Molecular Formula: C₁₂H₄Br₆O₃

Molecular Weight: 675.586

Accurate Mass: 669.646061

Percentage Composition: C 21.33%; H 0.60%; Br 70.96%; O 7.10%

Biological Source: Metab. of *Dysidea* sp.

References:

Carte, B *et al.*, *Tetrahedron*, 1981, **37**, 2335, (*isol, deriv*)

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Utkina, N.K. *et al.*, *Khim. Prir. Soedin.*, 1987, **23**, 603; *Chem. Nat. Compd. (Engl. Transl.)*, 1987, **23**, 508, (*isol*)

Elyakov, G.B. *et al.*, *Experientia*, 1991, **47**, 632

Fu, X. *et al.*, *J. Nat. Prod.*, 1995, **58**, 1384, (*isol*)