



>>Entry Name: (3-Hydroxyphenyl)carbamic acid, 9Cl

CAS Registry Number: 85606-73-1

Molecular Formula: $C_7H_7NO_3$

Molecular Weight: 153.137

Accurate Mass: 153.042594

Percentage Composition: C 54.90%; H 4.61%; N 9.15%; O 31.34%

>>Derivative: Me ester

Synonym(s): Methyl (3-hydroxyphenyl)carbamate, 9Cl. Methyl 3-hydroxycarbanilate

CAS Registry Number: 13683-89-1

Molecular Formula: $C_8H_9NO_3$

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Physical Description: Cryst. (C_6H_6)

Melting Point: Mp 97-98°

>>Derivative: Et ester

Synonym(s): Ethyl (3-hydroxyphenyl)carbamate, 9Cl. Ethyl 3-hydroxycarbanilate. 3-Hydroxyphenylurethane

CAS Registry Number: 7159-96-8

Molecular Formula: $C_9H_{11}NO_3$

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Use/Importance: Intermed. for synth of Desmedipham [DKZ03-U](#)

Physical Description: Needles (C_6H_6 /cyclohexane)

Melting Point: Mp 94-95°

>>Derivative: Me ether, Me ester

CAS Registry Number: 51422-77-6

Molecular Formula: $C_9H_{11}NO_3$

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Physical Description: Oil

Boiling Point: Bp_{0.5} 110-115°

References:

Atkins, R.L. *et al.*, *J.O.C.*, 1978, **43**, 1975-1980, (*Et ester*)

Ger. Pat., 1980, 2 839 973; *CA*, **93**, 71333s, (*esters*)

Heinicke, G. *et al.*, *Aust. J. Chem.*, 1984, **37**, 831-844, (*Me ether Me ester*)

Bergon, M. *et al.*, *J. Agric. Food Chem.*, 1990, **38**, 278-280, (*Et ester, use*)

Pozdnev, V.F., *Khim. Geterotsikl. Soedin.*, 1990, 312-314; *Chem. Heterocycl. Compd. (Engl. Transl.)*, 1990, 264-265, (*Me ester*)