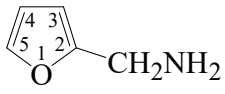
>>**Entry Name: 2-Furanmethanamine,** 9CI
Synonym(s): Furfurylamine. 2-(Aminomethyl)furan



CAS Registry Number: 617-89-0

Molecular Formula: C_5H_7NO
Molecular Weight: 97.116
Accurate Mass: 97.052764
Percentage Composition: C 61.84%; H 7.26%; N 14.42%; O 16.47%
Physical Description: Oil
Boiling Point: Bp 145-146°. Bp_{84} 80°
Solubility: Misc. H_2O
Other Data: Absorbs CO_2 from air
Hazard & Toxicity: Flammable, fl. p. 37° (oc). Skin, eye and mucous membrane irritant. LD_{50} (mus, ipr) 200 mg/kg

Aldrich: F2000-9
Fluka: 48120

>>**Derivative:** Hydrochloride

CAS Registry Number: 4753-68-8
Melting Point: Mp 110°

>>**Derivative:** Picrate

Melting Point: Mp 183-184°

>>**Derivative:** *N*-Tri-Me
Synonym(s): *N*,*N*,*N*-Trimethyl-2-furanmethanaminium(1+), 9CI. Furfuryltrimethylammonium(1+). **Furtrethonium(1+)**

CAS Registry Number: 7618-86-2

Molecular Formula: $C_8H_{14}NO^{(+)}$
Molecular Weight: 140.205
Accurate Mass: 140.107539
Percentage Composition: C 68.53%; H 10.06%; N 9.99%; O 11.41%
Use/Importance: Parasympathomimetic agent

>>**Derivative:** *N*-Tri-Me, iodide
Synonym(s): Furtrethonium iodide, INN. Furamon. Furanol. Furmethide iodide

CAS Registry Number: 541-64-0

Molecular Formula: $C_8H_{14}INO$
Molecular Weight: 267.109
Accurate Mass: 267.012012
Percentage Composition: C 35.97%; H 5.28%; I 47.51%; N 5.24%; O 5.99%
Use/Importance: Muscarinic agonist
Melting Point: Mp 116-117°
Hazard & Toxicity: LD_{50} (rat, scu) 90 mg/kg

>>**Derivative:** *N*-Tri-Me, benzenesulfonate
Synonym(s): Benzamon

CAS Registry Number: 3481-26-3
Molecular Formula: $C_{14}H_{19}NO_4S$
Molecular Weight: 297.374
Accurate Mass: 297.103479
Percentage Composition: C 56.55%; H 6.44%; N 4.71%; O 21.52%; S 10.78%
Melting Point: Mp 134-135°