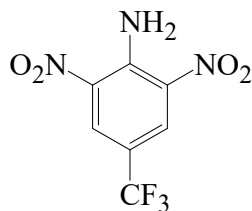




>>Entry Name: **2,6-Dinitro-4-(trifluoromethyl)aniline**, 8Cl

Synonym(s): 4-Amino-3,5-dinitrobenzotrifluoride. α,α,α -Trifluoro-2,6-dinitro-*p*-toluidine



CAS Registry Number: 445-66-9

Molecular Formula: $C_7H_4F_3N_3O_4$

Molecular Weight: 251.122

Accurate Mass: 251.015391

Percentage Composition: C 33.48%; H 1.61%; F 22.70%; N 16.73%; O 25.48%

Use/Importance: Intermed. for pesticides

Physical Description: Yellow cryst. (EtOH)

Melting Point: Mp 144°

Rare Chemicals Library: S64928-7

>>Derivative: *N,N*-Dipropyl
see Trifluralin, [DLG11-L](#)

>>Derivative: *N*-Butyl, *N*-Et
see Benfluralin, [DKW92-F](#)

>>Derivative: *N*-(Cyclopropylmethyl), *N*-propyl
see Profluralin, [DLF03-F](#)

>>Derivative: *N*-(2-Methyl-2-propenyl), *N*-Et
see Ethalfuralin, [DKZ79-V](#)

>>Derivative: *N*-(2-Chloroethyl), *N*-propyl
see Fluchloralin, [MJN50-M](#)

>>Derivative: *N*-(2-Chloro-6-fluorobenzyl), *N*-Et
see Flumetralin, [MJN54-Q](#)

References:

Yagupol'skiĭ, L.M. *et al.*, *Ukr. Khim. Zh. (Russ. edn.)*, 1955, **21**, 81; *CA*, **49**, 8867a, (*synth*)
U.S. Pat., 1963, 3 111 403; *CA*, **60**, 13184d, (*synth*)