



**CAS Registry Number:** 4474-03-7  
**Molecular Formula:** C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O  
**Molecular Weight:** 254.331  
**Accurate Mass:** 254.141913  
**Percentage Composition:** C 75.56%; H 7.13%; N 11.01%; O 6.29%  
**Use/Importance:** Explosion regulator  
**Melting Point:** Mp 58-59°

>>**Derivative:** *N,N'*-Di-Et

**Synonym(s):** *N,N'*-Diethyl-*N,N'*-diphenylurea. Centralite I. Ethyl centralite

**CAS Registry Number:** 85-98-3  
**Molecular Formula:** C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O  
**Molecular Weight:** 268.358  
**Accurate Mass:** 268.157563  
**Percentage Composition:** C 76.09%; H 7.51%; N 10.44%; O 5.96%  
**Use/Importance:** Explosion regulator  
**Physical Description:** Cryst. (EtOH)  
**Melting Point:** Mp 79° (72-73°)  
**Boiling Point:** Bp 327°  
**Hazard & Toxicity:** Fl. p. 150°

**Aldrich:** 37288-9

#### References:

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