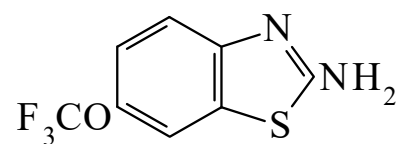




>> **Name: 2-Amino-6-(trifluoromethoxy)benzothiazole**

Synonym(s): 6-(Trifluoromethoxy)-2-benzothiazolamine, 9CI. **Riluzole**, BAN, INN, USAN. Rilutek. PK 26124. RP 54274



CAS Registry Number: 1744-22-5

Molecular Formula: C₈H₅F₃N₂OS

Molecular Weight: 234.201

Accurate Mass: 234.007467

Percentage Composition: C 41.03%; H 2.15%; F 24.34%; N 11.96%; O 6.83%; S 13.69%

Use/Importance: Non-competitive antagonist of *N*-methyl-D-aspartate receptors. Anticonvulsant, antiepileptic agent. Used in treatment of amyotrophic lateral sclerosis

Development Status: Launched 1996 (US) (Rhone-Poulenc Rorer)

Melting Point: Mp 117-119°

Calculated Log P Data: Log P 2.67 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 67 mg/kg. LD₅₀ (mus, ipr) 46 mg/kg

References:

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