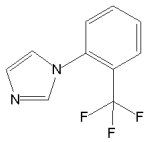

Formula: C10H7F3N2

MW: 212.17

CAS: 25371-96-4

MDL NUMBER: MFCD00041206

IUPAC: [2-(trifluoromethyl)phenyl]imidazole

Smiles: c1(n2cncc2)ccccc1C(F)(F)F

ACCEPTORS: 0

DONORS: 0

ROTATION BONDS: 0

N+O: 2

Chiral Centers: 0

LogP: 2.72

LogS: -3.6

LIPINSKI: 4

Synonyms:
I-(2-TRIFLUOROMETHYLPHENYL)IMIDAZOLE;1-(ALPHA,ALPHA,ALPHA-TRIFLUORO-O-TOLYL)-IMIDAZOLE;1-(2-TRIFLUOROMETHYLPHENYL)IMIDAZOLE;1-[2-(TRIFLUOROMETHYL)PHENYL]-1H-IMIDAZOLE;TRIM;1-[2-(Trifluoromethyl)phenyl]-1H-imidazole 98%;1-[2-(Trifluoromethyl)phenyl]-1H-imidazole98%;1-(2-Trifluoromethylphenyl)imidazole, 98+%

CAS:25371-96-4

MF:C10H7F3N2

MW:212.17

EINECS:-0

Product Categories:Imidazol&Benzimidazole 1-(2-TRIFLUOROMETHYLPHENYL)IMIDAZOLE

Chemical Properties: mp 43 C bp 75C 0,02mm Fp 75C/0.025mm storage temp. 2-8C Sensitive Light Sensitive BRN 3955637

CAS DataBase Reference: 25371-96-4(

CAS DataBase Reference:) Xi Risk Statements 36/37/38 Safety Statements 26-36 WGK Germany 3 Hazard Note Irritant HazardClass IRRITANT, LIGHT SENSITIVE 1-(2-TRIFLUOROMETHYLPHENYL)IMIDAZOLE

Usage And Synthesis: Biological ActivityA potent inhibitor of neuronal and inducible NO synthases, with much lower affinity for the endothelial isoform (displays IC 50 values of 28.2, 27.0 and 1057.5 u M respectively). Antinociceptive in vivo . 1-(2-TRIFLUOROMETHYLPHENYL)IMIDAZOLE