



Formula: C₁₀H₁₃NO₂

MW: 179.22

TNP NUMBER: TNP00268

MDL NUMBER: MFCD00006298

IUPAC: 5-butylpyridine-2-carboxylic acid

Smiles: n1c(C(=O)O)ccc(c1)CCCC

THERAPEUTIC CATEGORY: Antibiotic

REFERENCE: Wang, H. and Ng, T.B., Pharmacological activities of fusaric acid (5-butylpicolinic acid). *Life Sci.* 65, 849, (1999) abstract Bencsics, A., et al., Dopamine, as well as norepinephrine, is a link between noradrenergic nerve terminals and splenocytes. *Brain Res.* 761, 236-243, (1997) abstract Baillien, M., et al., Regional distribution and control of tyrosine hydroxylase activity in the quail brain. *Brain Res. Bull.* 48, 31-37, (1999) abstract
Merck Merck 13,4335

SOURCE: Fusaric acid from *Gibberella fujikuroi*

ACCEPTORS: 2

DONORS: 1

ROTATION BONDS: 5

N+O: 3

Chiral Centers: 0

LogP: 2.32

LogS: -3.33

LIPINSKI: 4

