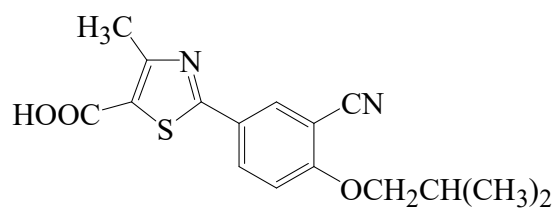




>>Entry Name: 2-[3-Cyano-4-(2-methylpropoxy)phenyl]-4-methyl-5-thiazolecarboxylic acid, 9CI

Synonym(s): TMX 67. TEI 6720



CAS Registry Number: 144060-53-7

Molecular Formula: C₁₆H₁₆N₂O₃S

Molecular Weight: 316.38

Accurate Mass: 316.088163

Percentage Composition: C 60.74%; H 5.10%; N 8.85%; O 15.17%; S 10.14%

Biological Use/Importance: Xanthine oxidase/xanthine dehydrogenase inhibitor

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 201-202°

References:

Pat. Coop. Treaty (WIPO), 1992, *Teijin*, 92 09 279; *CA*, **118**, 38915v, (*synth, pharmacol*)

Osada, Y. *et al.*, *Eur. J. Pharmacol.*, 1993, **241**, 183-188; **250**, 455-460, (*pharmacol*)

Hasegawa, M. *et al.*, *Heterocycles*, 1998, **47**, 857-864, (*synth, pmr, cmr*)

Horiuchi, H. *et al.*, *Biol. Pharm. Bull.*, 1999, **22**, 810-815, (*pharmacol*)