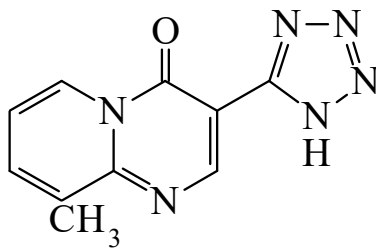




>>Entry Name: Pemirolast, INN

Synonym(s): 9-Methyl-3-(1*H*-tetrazol-5-yl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one, 9Cl. Alegysal. Pemilaston. BMY 26517. TBX



CAS Registry Number: 69372-19-6

Related CAS Registry Numbers(s): 69372-22-1

Molecular Formula: C₁₀H₈N₆O

Molecular Weight: 228.213

Accurate Mass: 228.075959

Percentage Composition: C 52.63%; H 3.53%; N 36.83%; O 7.01%

Use/Importance: Mast cell secretion inhibitor. Antiallergic agent. Used as K salt for the oral prophylaxis of asthma

Physical Description: Cryst. (DMF)

Development Status: Launched 1991 (Japan)

Melting Point: Mp 310-311 dec.°

Calculated Log P Data: Log P 0.3 (uncertain value) (calc)

>>Derivative: K salt

Synonym(s): Pemirolast potassium, USAN

CAS Registry Number: 100299-08-9

References:

U.S. Pat., 1978, 4 122 274; *CA*, **90**, 103998u, (*synth*)

Cheng, H. *et al.*, *J. Pharm. Sci.*, 1987, **76**, 918, (*hplc*)

Yanagihara, Y. *et al.*, *Jpn. J. Pharmacol.*, 1988, **48**, 91; 103; 1989, **51**, 83; 93, (*pharmacol*)

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