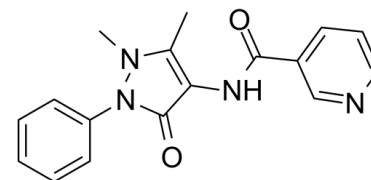


Data Sheet

Product Name:	Nifenazone
Cat. No.:	CS-0009213
CAS No.:	2139-47-1
Molecular Formula:	C ₁₇ H ₁₆ N ₄ O ₂
Molecular Weight:	308.33
Target:	Others
Pathway:	Others
Solubility:	DMSO : 32 mg/mL (103.78 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Nifenazone is a pyrazole drug which can be used in the in the treatment of a variety of rheumatic disorders.

References:

- [1]. HART FD, et al. TRIAL OF NIFENAZONE ("THYLIN"). Br Med J. 1964 Jun 13;1(5397):1553-4.
- [2]. Bani-Yaseen AD, et al. The solvatochromic, spectral, and geometrical properties of nifenazone: a DFT/TD-DFT and experimental study. Phys Chem Chem Phys. 2014 Aug 7;16(29):15519-26.

CAIndexNames:

3-Pyridinecarboxamide, N-(2,3-dihydro-1,5-dimethyl-3-oxo-2-phenyl-1H-pyrazol-4-yl)-

SMILES:

O=C(C1=CC=CN=C1)NC2=C(C)N(C)N(C3=CC=CC=C3)C2=O

Caution: Product has not been fully validated for medical applications. For research use only.

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