

Product Information

Dehydrogenase inhibitor, Fomepizole, Purity $\geq 98\%$

Cat. No.: X24-09-YM207

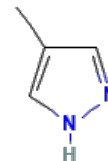
Size: 1 g; 2 g; 5 g; 10 g

MDL: MFCD00005245

CAS Number: 7554-65-6

Compound CID: 3406

Synonym: 7554-65-6; Antizol; Fomepizolum; 4-Methylpyrazole;
4-Methyl-1*H*-pyrazole; Dehydrogenase inhibitor



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Fomepizole is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting dehydrogenases. The molecular weight of the compound is 82.11, and its molecular formula is C ₄ H ₆ N ₂ .
Molecular Weight	82.11
Molecular Formula	C ₄ H ₆ N ₂
IUPAC Name	4-Methyl-1 <i>H</i> -pyrazole
InChI	InChI=1S/C4H6N2/c1-4-2-5-6-3-4/h2-3H,1H3,(H,5,6)
InChI Key	RIKMMFOAQPJVMX-UHFFFAOYSA-N
Canonical SMILES	CC1=CN=C1
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Fomepizole plays a key role in inhibiting alcohol dehydrogenase, the enzyme responsible for metabolizing methanol into toxic metabolites like formic acid.
Storage	Store at -20°C, and keep desiccated.