Certificate of Analysis

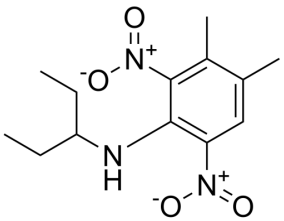
Pendimethalin

Cat. No.:	HY-B0862
CAS No.:	40487-42-1
Batch No.:	253535
Chemical Name:	Benzenamine, N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{13}H_{19}N_3O_4$		
Molecular Weight:	**281.31**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	Orange to red (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.75%**
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA