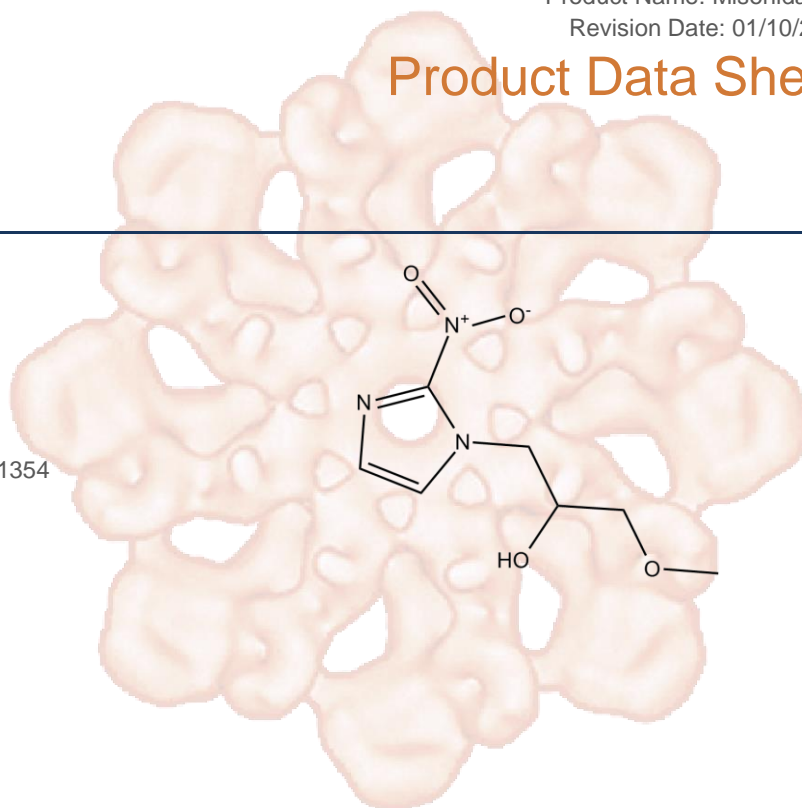


Product Data Sheet

Misonidazole

Cat. No.:	C3938
CAS No.:	13551-87-6
Formula:	C7H11N3O4
M.Wt:	201.2
Synonyms:	NSC 261037, Ro 7-0582, SR 1354
Target:	Cancer Biology
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

≤5mg/ml in ethanol; 15mg/ml in DMSO; 15mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		4.9702 mL	24.8509 mL	49.7018 mL
	5 mM		0.9940 mL	4.9702 mL	9.9404 mL
	10 mM		0.4970 mL	2.4851 mL	4.9702 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

nitroimidazole with radiosensitizing and antineoplastic properties

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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