

**Catalog No. 11216-013 10 mg**

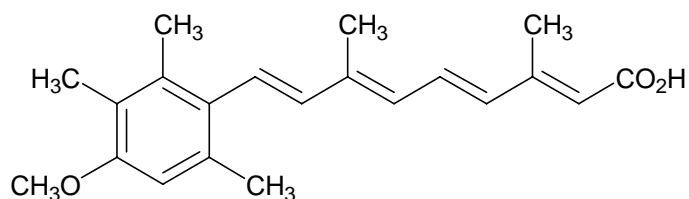
PRODUCT: Acitretin  
(All-E)-9-(4-Methoxy-2,3,6-trimethylphenyl-3,7-dimethyl-2,4,6,8-nonatetraenoic acid

CAS NO.: 55079-83-9

CATALOG NO.: 11216-013

SIZE: 10 mg

STRUCTURE:



PHYSICAL APPEARANCE:

MOLECULAR FORMULA: C<sub>21</sub>H<sub>26</sub>O<sub>3</sub>

MOLECULAR WEIGHT: 326.4

PURITY: 98%

SOLUBILITY: Soluble in DMSO

STORAGE: Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.

APPLICATION NOTES: Acitretin is a synthetic aromatic analog of all trans retinoic acid with increased stability *in vivo*. It is the active free acid form of the antipsoriatic drug etretinate.<sup>1,2</sup> Displays an antiproliferative effect and induces apoptosis in Kaposi's sarcoma cells.<sup>3</sup>

REFERENCES:

1. C. S. Lee and J. Koo *Expert Opin. Pharmacother.* 2005 **6** 1725
2. C. Zhang and M. Duvic *Dermatol. Ther.* 2003 **16** 322
3. J. Corbeil *et al. J. Clin. Invest.* 1994 **93** 1981

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.