

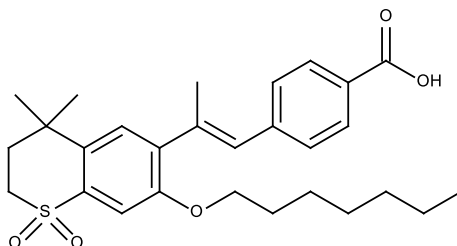


Catalog # 10-4504

Ro 41-5253

CAS# 144092-31-9

Lot # FBM2021B



Selective RAR α antagonist.¹ Binds RAR α without inducing transcription or influencing RAR/RXR heterodimerization and DNA binding.² Inhibits proliferation and induces apoptosis in a variety of cell lines/types. Cell Permeable.

- 1) Apfel *et al.* (1992), *A retinoic acid receptor α antagonist selectively counteracts retinoic acid effects* ; Proc. Natl. Acad. Sci. USA, **89** 7129
- 2) Toma *et al.* (1998), *RAR α antagonist Ro 41-5253 inhibits proliferation and induces apoptosis in breast-cancer cell lines*; Int. J. Cancer, **78** 86

PHYSICAL DATA

Molecular Weight:	484.65
Molecular Formula:	C ₂₈ H ₃₆ O ₅ S
Purity:	98% by TLC [50% Ethyl Acetate in Hexanes; R _f = 0.50] NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml) or Ethanol (up to 12 mg/ml with warming)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

www.focusbiomolecules.com