MOLNOVA
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# Datasheet (Version 1.0)

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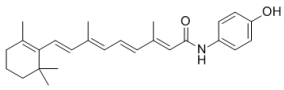
|---|---|---|
| **Product Name** | : | Fenretinide |
| **Synonyms** | : | 4-HPR; 4-Hydroxy(phenyl)retinamide; MK-4016; Retinoic Acid p-hydroxyphenylamide; Ro 22-4667 |
| **Cat No.** | : | M15496 |
| **CAS Number** | : | 65646-68-6 |
| **Molecular Formula** | : | C26H33NO2 |
| **Formula Weight** | : | 391.55 |
| **Chemical Name** | : | (2E,4E,6E,8E)-N-(4-hydroxyphenyl)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-en-1-yl)nona-2,4,6,8-tetraenamide |
| **Description** | : | Fenretinide (4-HPR) is a synthetic retinoid deriverative. 4-HBR is shown to exhibit binding to the retinoic acid receptors (RAR) at concentrations necessary to induce cell death. |
| **Pathway** | : | Metabolic Enzyme/Protease |
| **Target** | : | Retinoid Receptor |
| **Receptor** | : | RAR/RAX |
| **Solubility** | : | DMSO: ≥100mM |
| **SMILES** | : | O=C(NC1=CC=C(O)C=C1)/C=C(C)/C=C/C=C(C)/C=C/C2=C(C)CCCC2(C)C |
| **Storage** | : | (-20℃) |
| **Stability** | : | ≥ 2 years |
| **Reference** | : | |




1.Manzano VM, et al. J Pharmacol Exp Ther, 1999, 289(1), 123-132.