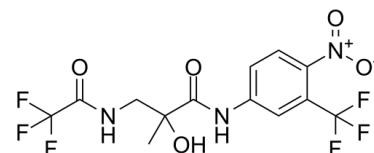


## Data Sheet

Product Name:	Topilutamide
Cat. No.:	CS-6603
CAS No.:	260980-89-0
Molecular Formula:	C <sub>13</sub> H <sub>11</sub> F <sub>6</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	403.23
Target:	Others
Pathway:	Others
Solubility:	DMSO : 150 mg/mL (372.00 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

Topilutamide is a topical nonsteroidal antiandrogen (NSAA). **In Vivo:** Prostate cancer is the most common cancer and one of the leading causes of cancer deaths in men. One of the commonly used approaches to treat metastatic prostate cancer is via first-generation nonsteroidal anti-androgens (NSAAs), namely Flutamide, Nilutamide, Bicalutamide and Topilutamide<sup>[1]</sup>.

### References:

[1]. Suresh PS, et al. Review of HPLC and LC-MS/MS assays for the determination of various nonsteroidal anti-androgens used in the treatment of prostate cancer. Biomed Chromatogr. 2017 Jun 21.

### CAIndexNames:

Propanamide, 2-hydroxy-2-methyl-N-[4-nitro-3-(trifluoromethyl)phenyl]-3-[(2,2,2-trifluoroacetyl)amino]-

### SMILES:

O=C(NC1=CC=C([N+](O-)=O)C(C(F)(F)F)=C1)C(C)(O)CNC(C(F)(F)F)=O

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

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