

Product Data Sheet

Product Name: Topilutamide (BP766)

Cat. No.: GC33122

Chemical Properties

Cas. No. 260980-89-0

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

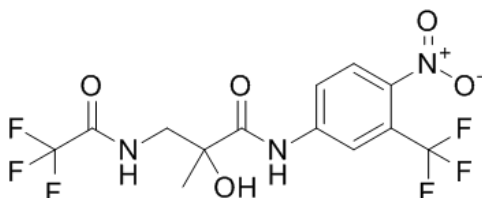
Formula $C_{13}H_{11}F_6N_3O_5$ M.Wt 403.23

Solubility DMSO : 150 mg/mL (372.00 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Topilutamide is a topical nonsteroidal antiandrogen (NSAA).

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[1].

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

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[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.

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