
Product Data Sheet

Product Name: Sandacanol

Cat. No.: GC61264

Chemical Properties

Cas. No. 28219-61-6

SMILES OC/C(CC)=C/CC1C(C)(C)C(C)=CC1Formula $C_{14}H_{24}O$ M.Wt 208.34Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Sandacanol is a specific agonist of olfactory receptor (OR10H1). Sandacanol induces cell cycle arrest and some apoptosis in bladder cancer cells[1].

Sandacanol (50, 100, 300, 500, and 700 μM ; 24 or 48 h) treatment significantly diminishes cell viability, cell proliferation and migration and induces a limited degree of apoptosis in BFTC905 bladder cancer cells[1].

[1]. Lea Weber, et al. Characterization of the Olfactory Receptor OR10H1 in Human Urinary Bladder Cancer. Front Physiol. 2018 May 16;9:456.

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

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