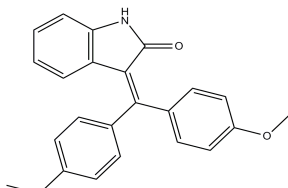


**PRODUCT: TAS-301****ALTERNATE NAME:** 3-[Bis(4-methoxyphenyl)methylene]-1,3-dihydro-2*H*-indol-2-one**CATALOG #:** 9644-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>23</sub>H<sub>19</sub>NO<sub>3</sub>**MOLECULAR WEIGHT:** 357.4**CAS#:** 193620-69-8**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (> 30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** TAS-301 is an Inhibitor of smooth muscle cell migration and proliferation. Blocks voltage-independent calcium influx and downstream PKC signaling. Inhibits neointimal thickening after balloon catheter injury to the rat common carotid artery. Inhibits calcium-dependent signal transduction and cytoskeletal reorganization.**REFERENCE:** Sasaki, E., et al. (2000). *Jpn. J. Pharmacol.* **84**, 252-258.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Ready-to-use Cell Proliferation Reagent, WST-1 (**K304**)  
 VisionBlue™ Quick Cell Viability Fluorometric Assay Kit (**K303**)  
 MTS Cell Proliferation Colorimetric Assay Kit (**K301**)  
 ADP Colorimetric/Fluorometric Assay Kit (**K355**)  
 ApoSENSOR™ ATP Cell Viability Bioluminescence Assay Kit (**K254**)  
 ADP Colorimetric Assay Kit II (**K356**)  
 ApoSENSOR™ ADP/ATP Ratio Bioluminescence Assay Kit (**K255**)  
 StayBrite™ Highly Stable ATP Bioluminescence Assay kit (**K791**)  
 ATP Colorimetric Assay Kit II (**K354**)  
 WST-1 (**2198**)  
 EZCell™ Cell Migration/Chemotaxis Assay kit (24 –well, 3 μM) (**K911**)  
 EZCell™ Cell Migration/Chemotaxis Assay kit (24 –well, 5 μM) (**K910**)  
 EZCell™ Cell Migration/Chemotaxis Assay kit (24 –well, 8 μM) (**K909**)  
 EZCell™ Cell Migration/Chemotaxis Assay kit (96 –well, 3 μM) (**K908**)  
 EZCell™ Cell Migration/Chemotaxis Assay kit (96 –well, 5 μM) (**K907**)  
 EZCell™ Cell Migration/Chemotaxis Assay kit (96 –well, 8 μM) (**K906**)

**USAGE:** FOR RESEARCH USE ONLY! Not to be used in humans!