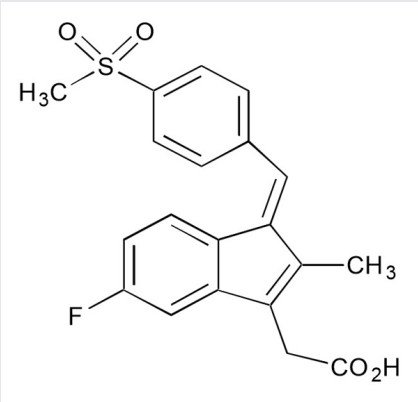
Sulindac Sulfone Small Molecule

PRODUCT OVERVIEW

Product Name	Sulindac Sulfone, Small Molecule
Full Product Name	Sulindac Sulfone
Product Synonym Names	Sulindac metabolite; {(1Z)-5-Fluoro-2-methyl-1-[4-(methylsulfonyl)benzylidene]-1H-inden-3-yl}acetic acid
Host	Synthetic
Form/Format	Yellow solid
Purity/Purification	>98%
Preparation and Storage	Store at -20 degree C.
Molecular Weight	372.41
Solubility	Soluble to 25 mM in DMSO, 3 mM in ethanol
CAS Number	59864-04-9
Molecular Formula	C20H17FO4S
SMILES	CC\1=C(C2=C(/C1=C\C3=CC=C(C=C3)S(=O)(=O)C)C=CC(=C2)F)CC(=O)O
InChI	1S/C20H17FO4S/c1-12-17(9-13-3-6-15(7-4-13)26(2,24)25)16-8-5-14(21)10-19(16)18(12)11-20(22)23/h3-10H,11H2,1-2H3,(H,22,23)/b17-9-
InChI Key	MVGSNCBCUWPVDA-MFOYZWKCSA-N
PubChem CID	5472495
Product Categories/Family for Sulindac Sulfone small molecule	Small Molecules; Inducer; Cancer; Apoptosis
Related Product Information for Sulindac Sulfone small molecule	Sulindac is a nonsteroidal anti-inflammatory drug that is known to prevent recurrence and reduce colorectal polyps. It is a prodrug that is metabolized to a sulfide and sulfone derivative in vivo. The mechanism of action of both is the selective induction of apoptosis. The anti-inflammatory properties of sulindac are mediated by COX inhibition (1, 2).
Product References and Citations for Sulindac Sulfone small molecule	1. Frahm S., et al. (2004) Cancer Cell Int. 4:4. 2. Piazza G.A., et al. (1997) Cancer Res. 57(12): 2452-2459.
Other Notes	Small volumes of Sulindac Sulfone small molecule vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Sulindac Sulfone purchase	MBS808000 is a small molecule targeting Sulindac Sulfone. Host: Synthetic.



Chemical Structure of Sulindac Sulfone small molecule
Chemical structure of Sulindac Sulfone (SIH-262), a Modulates beta-catenin-mediated effects. CAS #: 59864-04-9. Molecular Formula: C20H17FO4S . Molecular Weight: 372.41 g/mol.

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Online datasheet: https://www.mybiosource.com/small-molecule/sulindac-sulfone/808000