

Product Datasheet

Tanshinone IIA sulfonate sodium (orb1304813)

Catalog Number	orb1304813
Category	Small Molecules
Description	Tanshinone IIA sulfonate sodium is a water-soluble derivative of Salvia miltiorrhiza and a potent negative allosteric modulator of the human P2X7 receptor. It has demonstrated research utility in models of pulmonary hypertension, where it inhibits hypoxia-induced downregulation of PKG and PPAR- γ in rat PASMCs and pulmonary arteries.
Target	Calcium Channel,Cytochromes P450,CaMK
Purity	97.95% (May vary between batches)
MW	396.39
Target Areas	Cytochromes P450 Calcium Channel CaMK
Solubility (25°C)	10% DMSO+90% Saline:2.5 mg/mL (6.31 mM);DMSO:85 mg/mL (214.44 mM)
CAS Number	69659-80-9
Formula	C ₁₉ H ₁₇ O ₆ S·Na
SMILES	[Na+].Cc1c2c(oc1S([O-])(=O)=O)-c1ccc3c(CCCC3(C)C)c1C(=O)C2=O
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)