

Product Datasheet

Taurodeoxycholate-d6 sodium salt (orb3138845)

| | |
|------------------------|--|
| Catalog Number | orb3138845 |
| Category | Small Molecules |
| Description | Taurodeoxycholate-d6 sodium salt is an anionic detergent related to bile salts. It is formed in the liver by conjugating deoxycholic acid with taurine. This compound is utilized for the separation of membrane proteins, including those in the mitochondrial inner membrane. Taurodeoxycholate-d6 (TDCA) exhibits anti-inflammatory and neuroprotective properties. |
| Target | Endogenous Metabolite,PKA,PARP,GPCR19,NF-κB,Apoptosis |
| MW | 527.72 |
| CAS Number | 2687960-92-3 |
| Formula | C ₂₆ H ₄₄ NNaO ₆ S |
| SMILES | <chem>C[C@@]12[C@](CC[C@]2([H])[C@H](C)CCC(NCCS(=O)([O-])=O)=O)([H])[C@@]3([H])[C@@](C([2H])([2H])[C@@H]1O)([H])[C@@]4([C@](C([2H])([2H])[C@@H](C([2H])([2H])C4)O)([H])CC3)C.[Na+]</chem> |
| 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
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)