

Product Datasheet

GTPyS tetralithium (orb1942514)

Catalog Number	orb1942514
Description	GTPyS tetralithium (Guanosine 5'-[γ-thio]triphosphate tetralithium) is a G-protein activator, a non-hydrolyzable GTP analog that protects proteins from proteolytic degradation. GTPyS tetralithium is involved in the detection of cells expressing recombinant receptors and endogenous receptors. GTPyS tetralithium is involved in the detection of GPCR signaling in cells expressing recombinant receptors as well as in cells and tissues expressing endogenous receptors, and can be assayed to measure agonist-induced desensitization of two human polymorphic α2B-adrenoceptor variants.
Storage	-20°C
Note	For research use only
Formula	C ₁₀ H ₁₂ Li ₄ N ₅ O ₁₃ P ₃ S
Purity	75.00%
MW	562.98
CAS Number	94825-44-2
SMILES	O[C@H]1[C@@H](O[C@@H]([C@H]1O)COP(OP(OP([O-])([S-])=O)([O-])=O)([O-])=O)N2C3=C(C(N=C(N3)N)=O)N=C2.[Li+].[Li+].[Li+].[Li+]
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)