

Long chain polyphosphate small molecule (tool compound)

Catalogue number: 156396

Sub-type:

Images:

Contributor

Inventor: James Morrissey

Institute: University of Michigan

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Long chain polyphosphate small molecule (tool compound)

Alternate name:

Class:

Conjugate:

Description: The long chain polyphosphate is linear polymers of inorganic orthophosphate linked by high-energy phosphoanhydride bonds that has an approximate polymer length ranging from 200-1,300 phosphate units. Polyphosphates are secreted from platelets to regulate blood clotting and have been used in plasma clotting assays and to study bacteria growth and function.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions:

Related tools

Related tools:

CancerTools.org

References

References: Wang et al. 2019. J Thromb Haemost. . PMID: 31420909. ; Zilberman-Rudenko et al. 2018. Arterioscler Thromb Vasc Biol. 38(8):1748-1760. PMID: 30354195. ; Wijeyewickrema et al. 2016. Blood. 128(13):1766-76. PMID: 27338096. ; Choi et al. 2015. Thromb Haemost. 113(3):599-604. PMID: 25338662. ; Puy et al. 2013. J Thromb Haemost. 11(7):1341-52. PMID: 23659638. ; Smith et al. 2012. Blood. 120(26):5103-10. PMID: 22968458. ; Choi et al. 2011. Blood. 118(26):6963-70. PMID: 21976677. ; Smith et al. 2010. Blood. 116(20):4353-9. PMID: 20709905. ; Choi et al. 2010. Biochemistry. 49(45):9935-41. PMID: 20957999.

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