

LOX Inhibitor CCT365623 Small Molecule (Tool Compound)

Catalogue number: 157972

Sub-type: Inhibitor

Images:

Contributor

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Institute: Cancer Research UK, Manchester Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: LOX Inhibitor CCT365623 Small Molecule (Tool Compound)

Alternate name: LOX, protein-6-lysine oxidase

Class:

Conjugate:

Description: Lysyl oxidase (LOX) and its family members LOX-like (LOXL) are copper-dependent amine oxidases that covalently cross-link collagens and elastin in the tumor extracellular matrix. LOX is secreted as a catalytically inactive 50 kDa pro-protein, which is cleaved to an active 32 kDa enzyme by proteases such as procollagen C-proteinase. LOX and LOXL have variable N-termini, and share a highly conserved C-terminus, where the catalytic domain is located. The catalytic site comprises a copper binding...

Purpose: Inhibitor

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: Patent Application Number WO 2017/141049 A1

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50: 0.90Î?M

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: Holland et al. 2011. EMBO Mol Med. 3(3):167-80. PMID: 21337521.

CancerTools.org