

NBQ-48 small molecule

Catalogue number: 158322

Sub-type: Inhibitor

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: NBQ-48 small molecule

Alternate name:

Class:

Conjugate:

Description: Inhibitor of growth in several cancer cell line models. This small molecule can also be used as a cell hypoxia marker in 2D and 3D colon cancer cell models.

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: 389.8348

Ic50: 100 uM (COLO205 cells under hypoxic conditions); 128 uM +/- 3 uM (U937 cells)

Applications

Application: cell hypoxia marker; fluorescence-based multiplex ELISA

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: 2-5° C in solution

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: Lingasamy et al. 2019. Biomaterials. 219:119373. PMID: 31374479.