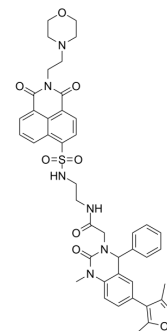


## BRD4 Inhibitor-16

Cat. No.:	HY-115926
Molecular Formula:	C <sub>42</sub> H <sub>43</sub> N <sub>7</sub> O <sub>8</sub> S
Molecular Weight:	805.9
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BRD4 Inhibitor-16 (Compound 4) is a potent inhibitor of bromodomain 4 (BRD4). Overexpression of bromodomain 4 (BRD4) is closely correlated with a variety of human cancers by regulating the histone post-translational modifications. BRD4 Inhibitor-16 represents a useful tool for explorative studies of BRD4 inhibition, such as an improved understanding of BRD4 inhibitor release-related information<sup>[1]</sup>.

### REFERENCES

[1]. Zhang H, et al. Activatable fluorescence molecular imaging and anti-tumor effects investigation of GSH-sensitive BRD4 ligands [published online ahead of print, 2022 Jan 25]. *Bioorg Chem.* 2022;120:105636.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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