



**Product Name:**

BODIPY labeled DCAF1 Binder

**Catalog Number:**

T53148

**Description:**

BODIPY labeled DCAF1 Binder is a compound original used for DCAF1 TR-FRET assay in the Nat Commun 15, 275 (2024) paper studying DCAF1-based PROTACs. It is a high-affinity fluorescent probe for DCAF1, with a K<sub>d</sub> value of 69 nM towards DCAF1 measured by fluorescence polarization.

**Physical and Chemical Properties:**

Molecular Formula: C<sub>39</sub>H<sub>43</sub>BCIF<sub>5</sub>N<sub>8</sub>O<sub>3</sub>

Molecular Weight: 813.08

Physical Appearance: White Solid

Purity: ≥95%

**Optical Properties:**

Abs/Em Maxima: 503/509nm

**Solubility:**

DMSO, DMF

**Storage:**

Store at -20°C and protected from light.

**Shelf Life:**

12 months after the date of delivery.

**References:**

Schröder, M., Renatus, M., Liang, X. et al. DCAF1-based PROTACs with activity against clinically validated targets overcoming intrinsic- and acquired-degrader resistance. Nat Commun 15, 275 (2024). <https://doi.org/10.1038/s41467-023-44237-4>

**Caution:**

For Research Use Only.

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