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## Product Data Sheet

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Product Name: aTAG 4531  
 Cat. No.: GC50631

**Chemical Properties**

Cas. No. 2412985-00-1

SMILES O=C(NC1CC1)C2=C(C3=C(N=C2)C=C(F)C(C4=CC(F)=C(C=C4)C(NCCCCN5N=NC(COC6=C(C7=CC=C6)C(N(C7=O)C8C(NC(CC8)=O)

Formula C<sub>46</sub>H<sub>39</sub>F<sub>2</sub>N<sub>9</sub>O<sub>7</sub>

M.Wt

867.85

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

**Background**

Degrader of MTH1 fusion proteins for use within the aTAG system. Comprises a ligand selective for MTH1, a linker and the cereblon-binding ligand Thalidomide . Induces highly potent and selective degradation of fusion proteins after a 4 h incubation (DC50 = 0.34 nM; Dmax = 93.14%). Cell-permeable. Suitable for in vitro and in vivo applications. Mouse DMPK properties are provided in the supplementary file (see below). (MTH1 can be expressed as a fusion with a target protein of interest using genome engineering techniques via CRISPR-mediated locus-specific knock-in - see protocol for more information.)

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

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