Self-Arming Warheads (SAWs) for Antibody-Drug Conjugates (ADC)

OCR Number: OCR 6808

Description:

• About Self-Arming Warheads (SAWs)

  – SAWs caged as stable, inert Ab cargos inactive until endocytosis

  – Predicted reduced off-target toxicity:

    • activated SAWs are cell-impermeable

  – Potent (< 100 nM activity)

• Total synthesis at high efficiency

  – Total synthesis facilitates novel chemistry

  – Convergent, high-yielding route to entire framework

  – Few chromatographic purifications

  – Highly amenable to SAR

  – Complete synthetic control

  – Readily conjugated
IP Status: ADC applications unpublished. Provisional patents filed. Both available under CDA.

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