

https://vitasmlab.net

Vitas-M Macrocycles Library

Macrocycles are a unique class of molecules characterized by their large ring structures, typically containing 12 or more atoms. Their importance in drug discovery stems from their ability to combine the best features of small molecules and biologics, offering high binding affinity, selectivity, and the capacity to target challenging protein interfaces that are often inaccessible to traditional small molecules. The cyclic nature of macrocycles provides conformational rigidity, reducing entro- py penalties upon binding, while their size and flexibility allow them to interact with extended binding sites, such as protein-protein interaction surfaces. This makes them particularly valuable for modulating difficult targets like transcription factors, kinases, and GPCRs, where conventional small molecules often fail.

Our Macrocycles library contains 559 compounds with a ring of twelwe or more atoms.

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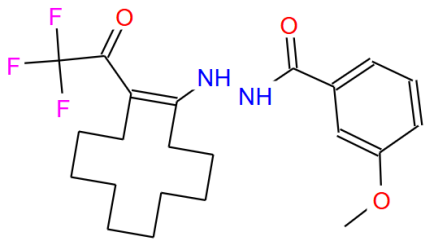

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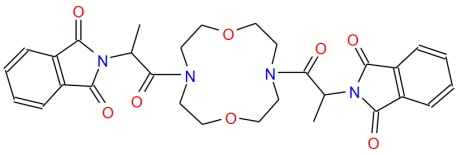

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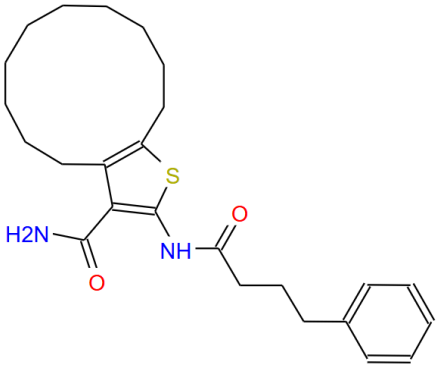

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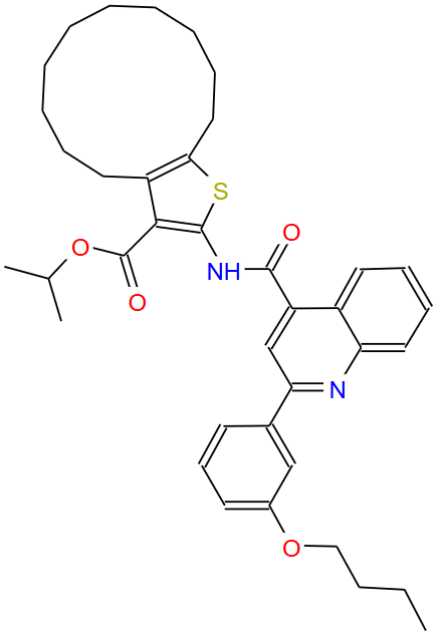

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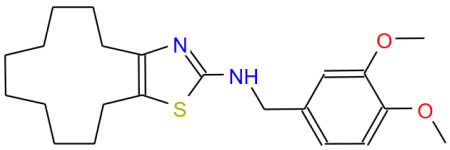

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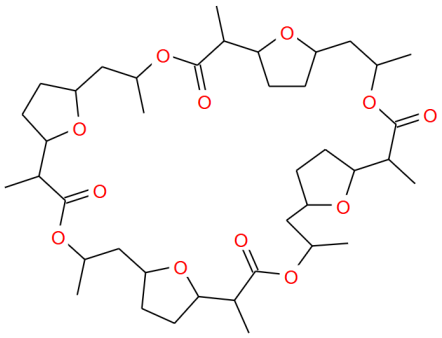

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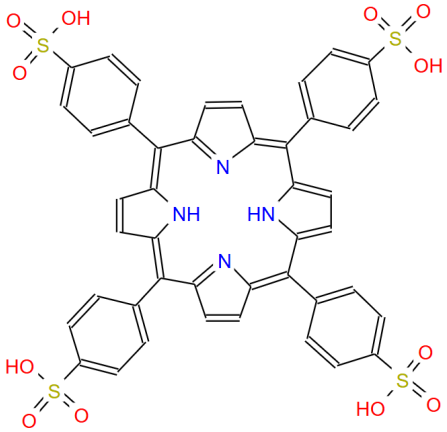

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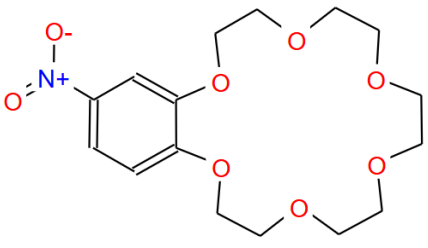

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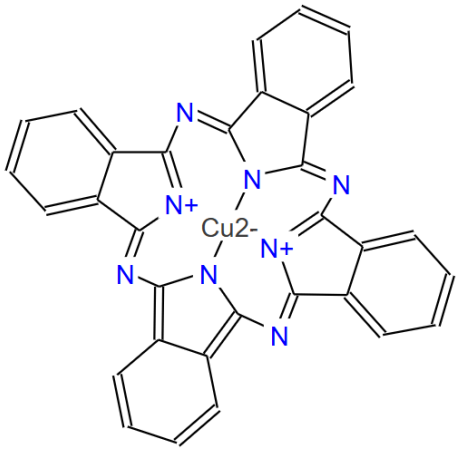

STK329495

If you have any specific needs for your project, we can provide specially tailored compound library based on your request.

Have questions or need a quote? Contact Irina Haywood (Ryabushenko) at
irina@vitasmlab.biz
Let's Connect on LinkedIn! Expand your professional network.

We look forward to collaborating with you!
Empowering Your Research, One Molecule at a Time.