ChemDiv

The chemistry of cures℠

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Beautiful Chemistry

New Chemistry for K-Ras

In the world of cancer drug discovery, the Ras family of G proteins – K-Ras, H-Ras and N-Ras – is a so-far unclaimed prize. Given that a third of all tumors have mutations in a RAS protein, with mutation rates in certain intractable cancer types such as pancreatic cancer topping 90%, that's not for lack of trying. But until recently, several decades of attempts to shut K-Ras – which is the black sheep of the RAS family, having the worst effect in terms of tumor growth – down have yielded no success. K-Ras has required a reputation for being 'undruggable' in some circles.

Direct targeting has been difficult, in part because given its importance there is surprisingly little structural information about the mutant forms of Ras. At the recent annual meeting of the American Association for Cancer Research, in fact, one of the educational sessions was titled "Anti-Ras Drug Discovery: Mission Impossible?"
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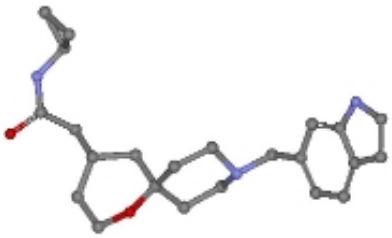
ChemDiv GTPase related libraries

- K-RAS Focused Library
- AKT Focused Library
- CXCR4 Targeted Library
- Anti-mitotic Library



Featured Scaffold

Compound S511-0490 represents a new series of helix-mimetics possessing high drug-like and natural product-like properties. Compounds based on this scaffold are included in several of our new focused and specialized libraries.

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What's New

Learn about our new Products & Services

New Screening Libraries

- *Smart Library*
- Beyond the Flatland
- Epigenetic
- Autophagy
- PPI Modulators
- Targeted Diversity
- Bromodomains
- CNS BBB
- Soluble Diversity
- *See all our Libraries*

MEET CHEMDIV TEAM AT MAY - JUNE 2014 EVENTS

May 19-20 - 5th Annual Discovery Partnerships 2014, Germany

June 2-3 - 15th Annual Drug Discovery Leaders Summit 2014, Switzerland

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June 23-26 - BIO International Convention, San Diego.
Meet ChemDiv team at CRO booth # 3425

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more events

JumpStart Hit Screening

One or more Hits, in one-two months, enabling you to move quickly to your next Discovery stage. Screening set includes some our most recently synthesized compounds with high IP potential, all for $150,000. Includes Protocols, Library & Hit Structures, all Screening Data, Hit Clusterization!

Poorly-defined Target?

Consider JumpStartSM Screening **on our 50,000 cpd** SmartTM Library, **orthogonally designed to quickly dial in the class and family for new targets. You get fast Hit screening at a fixed price!**

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