
Human Presequence Protease Agonists Library from OTAVA

Screening compounds for **Alzheimer's disease drug discovery**

OTAVA offers you a **Human Presequence Protease Agonists Library** (1050 compounds in total). Human Presequence Protease (hPreP, PITRM1) is a mitochondrial ATP-independent metalloprotease which degrades toxic peptides, including mitochondrial presequences and β -amyloid ($A\beta$). This enzyme is an attractive target for Alzheimer's disease drug design because enhancement of its activity increases the level of $A\beta$ proteolysis. The library has been carefully designed with two approaches (pharmacophore and Bayesian modeling) as a special screening library containing compounds with predicted hPreP activating activity. Physicochemical properties of compounds in the library are related to BBB penetration.

The Human Presequence Protease Agonists Library comprises molecules with increased potential for CNS bioavailability and provides an excellent basis for Alzheimer's disease drug discovery projects.



Find out more...

All compounds are in stock.

The library is for prompt delivery, cherry-picking is available.



**See also all our Alzheimer's Disease
Targeted Libraries**

Feel free to contact me if you are interested to obtain this library or if you need more information.

I am looking forward to your reply.

Best regards,
Andriy Dmytrenko, MBA
Director of Business Development and Marketing

OTAVA
Tel.: 1-416-549-8030
Fax: 1-866-881-9921 (Toll-free in US & Canada)
info@otavachemicals.com
north.america@otavachemicals.com