Current Agreements

Dealdoc

Licensing and option agreement for adenosine A2 receptor antagonist for CNS disease

Shire Pharmaceuticals
Sosei Heptares

Mar 20 2012

Licensing and option agreement for adenosine A2 receptor antagonist for CNS disease

Companies:	Shire Pharmaceuticals Sosei Heptares
Announcement date:	Mar 20 2012
Deal value, US$m:	190 : sum of milestone payment
Related contracts:	Licensing option agreement for adenosine A2A antagonist

Details

Announcement date:	Mar 20 2012
Industry sectors:	Bigbiotech Bigpharma Pharmaceutical
Therapy areas:	Central Nervous System Diagnostics » Imaging » X-ray
Technology types:	Screening Small molecules
Deal components:	Licensing Option
Stages of development:	Preclinical
Geographic focus:	Worldwide

Financials

Deal value, US$m:	190 : sum of milestone payment
Upfront, US$m:	n/d : undisclosed upfront payment
Milestones, US$m:	190 : sum of milestone payment to exercise option agreement

Termsheet

Shire is paying Heptares up-front fees and potentially $190 million in milestones to exercise its option for an exclusive worldwide license to the latter’s preclinical-stage adenosine A2A receptor antagonist candidate, which is in development for the potential treatment of CNS disorders.

Heptares is focused on the development of drugs targeting G-protein-coupled receptors (GPCRs).

The firm is exploiting an integrated discovery platform that includes technologies for engineering stabilized GPCRs (known as StaRs) in their native conformations, and the identification of new ligand-interaction sites and screening for drug candidates.

In January the firm reported publication of research papers describing how its technologies were used to stabilize the A2A receptor, enabling the application of structure-based drug discovery techniques including its Biophysical Mapping technique, fragment screening, and x-ray crystallography to the receptor.

The surface plasmon resonance-based BioPhysical Mapping technique allows for the 3-D determination of compound-binding to facilitate the design of drug candidates.

Press Release

Shire Licenses Heptares' Adenosine A2A Receptor Antagonist for CNS Diseases

Shire is paying Heptares up-front fees and potentially $190 million in milestones to exercise its option for an exclusive worldwide license to the latter's preclinical-stage adenosine A2A receptor antagonist candidate, which is in development for the potential treatment of CNS disorders.

Heptares is focused on the development of drugs targeting G-protein-coupled receptors (GPCRs). The firm is exploiting an integrated discovery platform that includes technologies for engineering stabilized GPCRs (known as StaRs®) in their native conformations, and the identification of new ligand-interaction sites and screening for drug candidates. In January the firm reported publication of research papers describing how its technologies were used to stabilize the A2A receptor, enabling the application of structure-based drug discovery techniques including its Biophysical Mapping™ technique, fragment screening, and x-ray crystallography to the receptor. The surface plasmon resonance-based BioPhysical Mapping technique allows for the 3-D determination of compound-binding to facilitate the design of drug candidates.

"We are impressed with the novelty and quality of the A2A antagonist leads generated by Heptares, resulting from what we believe to be the first time a structure-based drug discovery approach has been applied from the beginning to a GPCR drug target," comments Jeff Jonas, svp for R&D, specialty pharmaceuticals and regenerative medicine at Shire. "This agreement with Heptares is a reflection of our growth strategy of investing and focusing on highly targeted drug discovery platforms."

Filing Data

Not available.

Contract

Not available.