

Synt:em

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Recent Publications by Synt:em:

- [Applications of a blood-brain barrier technology platform to predict CNS penetration of various chemotherapeutic agents. 2. Cationic peptide vectors for brain delivery.](#)
*BACKGROUND: SynB family peptides conjugated to several drugs have been...*17th March, 2007
Synt:em,- Chemotherapy. 2007;53(1):73-6. Epub 2007 Jan 3. ([DOI Direct Link](#))
- [Applications of a blood-brain barrier technology platform to predict CNS penetration of various chemotherapeutic agents. 1. Anti-infective drugs.](#)
*Except for a few well-documented CNS therapeutics, quantitative data on...*17th March, 2007
Synt:em,- Chemotherapy. 2007;53(1):70-2. Epub 2007 Jan 3. ([DOI Direct Link](#))
- [Improved brain uptake and pharmacological activity profile of morphine-6-glucuronide using a peptide vector-mediated strategy.](#)
*Morphine-6-glucuronide (M6G), an active metabolite of morphine, has been...*6th July, 2005
Synt:em, Parc Scientifique Georges Besse, Nimes, France.- J Pharmacol Exp Ther. 2005 May;313(2):712-9. Epub 2005 Jan 12. ([DOI Direct Link](#))
- [Peptide-vector strategy bypasses P-glycoprotein efflux, and enhances brain transport and solubility of paclitaxel.](#)
*We present the results obtained with paclitaxel coupled to a...*29th June, 2005
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- [The use of cell-penetrating peptides for drug delivery.](#)
*In the past decade, several peptides that can translocate cell membranes...*22nd December, 2004
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- 1;9(23):1012-9. ([DOI Direct Link](#))
- [Cheminformatics--decision making in drug discovery.](#)
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Vice President R&D, Computational Drug Discovery, Synt:em, Parc- Drug Discov Today. 2002 Sep 1;7(17):898-900.
 - [2-Pyrrolinodoxorubicin and its peptide-vectorized form bypass multidrug resistance.](#)
*A well-known mechanism leading to the emergence of multidrug-resistant...*19th August, 2004
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 - [D-LogP: an alignment-free 3D description of local lipophilicity for QSAR studies.](#)
*The major hurdle to overcome in the development of 3D-QSAR models using...*29th July, 2004
Synt:em, Nimes, France.- Methods Mol Biol. 2004;275:215-60. ([DOI Direct Link](#))
 - [Blood-brain barrier permeation models: discriminating between potential CNS and non-CNS drugs including P-glycoprotein substrates.](#)
*The aim of this article is to present the design of a large heterogeneous...*20th March, 2004
Synt:em, Parc Scientifique G Besse, 30000 Nimes, France.- J Chem Inf Comput Sci. 2004 Jan-Feb;44(1):239-48. ([DOI Direct Link](#))
 - [Peptide vectors as drug carriers.](#)
*The aim of this article is to present the design of a large heterogeneous...*30th January, 2004
Synt:em, Parc Scientifique Georges Besse, 30000 Nimes, France.- Prog Drug Res. 2003;61:221-38.
 - [Studies on the internalization mechanism of cationic cell-penetrating peptides.](#)
*A great deal of data has been amassed suggesting that cationic peptides...*11th November, 2003
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 - [A peptide mimetic of an anti-CD4 monoclonal antibody by rational design.](#)
*The development of rational methods to design 'continuous' sequence...*4th September, 2003
Synt:em, Parc Scientifique Georges Besse, FR-30035 1, Ni;mes Cedex,- Biochem Biophys Res Commun. 2003 Jul 18;307(1):198-205.
 - [Improved brain uptake and pharmacological activity of dalargin using a peptide-vector-mediated strategy.](#)
*The blood-brain barrier restricts the passage of substances into the...*25th July, 2003
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 - [Peptide delivery to the brain via adsorptive-mediated endocytosis: advances with SynB vectors.](#)
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 - [Improved brain delivery of benzylpenicillin with a peptide-vector-mediated strategy.](#)
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Synt:em Patents:



- 7399747- [Peptides carrying substances across the blood brain barrier](#)

- 7314626- [Use of peptide vectors to improve the immune response to antigens](#)
- 7024311- [COMPUTER-AIDED METHOD FOR THE PROVISION, IDENTIFICATION AND DESCRIPTION OF MOLECULES CAPABLE OF EXHIBITING A DESIRED BEHAVIOR, MORE PARTICULARLY IN THE PHARMACEUTICAL SECTOR, AND MOLECULES OBTAINED BY SAID METHOD](#)

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