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Anställning

Forskare

Lund University Bioimaging Center
Lunds universitet
Lund, Sverige
2015 sep. 21 → present

Forskningsoutput

Proteomic analysis across patient iPSC-based models and human post-mortem hippocampal tissue reveals early cellular dysfunction and progression of Alzheimer's disease pathogenesis

Pomeshchik, Y., Velasquez, E., Gil, J., Klementieva, O., Gidlöf, R., Sydoff, M., Bagnoli, S., Nacmias, B., Sorbi, S., Westergren-Thorsson, G., Gouras, G. K., Rezeli, M. & Roybon, L., 2023 sep. 15, I: Acta Neuropathologica Communications. 11, 150.

Longitudinal Imaging Using PET/CT with Collagen-I PET-Tracer and MRI for Assessment of Fibrotic and Inflammatory Lesions in a Rat Lung Injury Model

Mahmutovic Persson, I., Fransén Pettersson, N., Liu, J., Falk Håkansson, H., Örbom, A., In 't Zandt, R., Gidlöf, R., Sydoff, M., von Wachenfeldt, K., Olsson, L. E. & TRISTAN Consortium, 2020 nov. 18, I: Journal of Clinical Medicine. 9, 11, s. 1-21

Stereoretentive Nucleophilic Substitution at the Tetrasubstituted Carbon of Galiellalactone

Escobar, Z., Nilsson, J., Gidlöf, R., Johansson, M. & Sterner, O., 2020, I: Journal of Organic Chemistry. 85, 12, s. 7704-7710 7 s.

N-Conjugate prodrugs of galiellalactone

Escobar, Z., Gidlöf, R., Johansson, M., Hellsten, R. & Sterner, O., 2016 sep. 7, I: Tetrahedron Letters. 57, 36, s. 4090-4093 4 s.

Lactam analogues of galiellalactone

Nilsson, J., Gidlöf, R., Johansson, M. H. & Sterner, O., 2012, I: Tetrahedron. 68, 16, s. 3336-3341

Triazoloquinazoliniones as novel high affinity ligands for the benzodiazepine site of GABA(A) receptors.

Nilsson, J., Gidlöf, R., Nielsen, E. Ø., Liljefors, T., Nielsen, M. & Sterner, O., 2011, I: Bioorganic & Medicinal Chemistry. 19, 1, s. 111-121

GALIELLALACTONE ANALOGUES – SYNTHESIS AND PROPERTIES

Gidlöf, R., 2010

Tandem Pd-Catalyzed Carbonylation and Intramolecular Vinyl Allene Diels-Alder Reaction toward Galiellalactone Analogues.

Gidlöf, R., Johansson, M. H. & Sterner, O., 2010, I: Organic Letters. 12, s. 5100-5103

Patent

- 2010 New tricyclic compounds - The present invention discloses novel compounds useful for the inhibition of IL-6/STAT signaling and/or PI3K/NF- κ B signaling in the treatment of associated diseases or conditions, e.g. cancer. A pharmaceutical composition comprising such novel compounds, its use and a method thereof is also disclosed.
- 2010 Bicyclic compounds and process of preparation - Invention discloses a novel process for preparation of bicyclic compounds, being useful as late intermediates in the synthesis of galiellalactone or related tricyclic compounds with biological activity, from acetylenic intermediates.

Priser och utmärkelser

- 2007 AstraZeneca Excellence Award - Ett av tre pris för bästa examensarbete med inriktning mot läkemedelskemi.
- 2006 IUPAC poster prize, Organikerdagarna, Kalmar - Pris för bästa poster