

Synthesis of a 4-aryl-2-anilinopyrimidine using a germanium-functionalised non-cross-linked polystyrene (NCPS) support

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Abstract

The use of a germanium-functionalised non-cross-linked polystyrene (NCPS) support to aid the preparation of a 2-anilino-4-arylpyrimidine is described. This compound is a key intermediate en route to various IKK-2 and JNK inhibitors.

Author keywords

germanium; IKK; JNK; kinase; liquid-phase organic synthesis (LPOS); non-cross-linked polystyrene (NCPS); polymerization; pyrimidine; soluble polymer

Indexed keywords

EMTREE drug terms: 4 aryl 2 anilinopyrimidine; germanium; I kappa B kinase inhibitor; imatinib; n,n dimethylformamide; polystyrene; pyrimidine derivative; stress activated protein kinase inhibitor; tert butyl hydroperoxide; toluene; unclassified drug

EMTREE medical terms: article; cross linking; derivatization; drug structure; polymerization; proton nuclear magnetic resonance; synthesis