

Product Data Sheet

Product Name: SASRIN™ resin (200-400 mesh, 0.80-1.20 mmol/g)

Cat. No.: GA23498

Chemical Properties

Cas. No. 124760-64-1

Formula M.Wt

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

SASRIN™ (=Super Acid Sensitive ResIN) was developed in our own laboratories especially for Fmoc solid phase synthesis (EP 0 292 729, US 4,831,084 and US 4,914,151). Its high acid lability enables the cleavage and isolation of the protected peptide fragment. Beside SPPS SASRIN™ has been used in several organic reactions like the synthesis of 4-aryl substituted β -lactams employing Suzuki and Heck couplings, the synthesis of β -sultams, quinazoline-2,4-diones, pyridines and pyrido[2,3-d]pyrimidines and the generation of secondary alkylamines by borane reduction. S.S.Rahman et al. reported on the FT-IR and Raman spectroscopic monitoring of reactions on a single SASRIN™ bead

Caution: Product has not been fully validated for medical applications. For research use only.

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and C.L.Brummel et al. on the evaluation of mass spectrometric methods applicable to the direct analysis of non-peptide bead-bound combinatorial libraries. For a review on the manifold applications of our SASRIN™ resin, including many useful procedures, please ask for our SASRIN™ brochure. glpbio offers a large variety of Fmoc-amino acids linked to SASRIN™ resin. See also D-2440.

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