

other 6-membered heterocycles (with 3 or more heteroatoms)

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Pyrrolo[2,1-d][1,2,3,5]tetrazines, a New Class of Azolotetrazines Related to the Antitumor Drug Temozolomide.

— Diazotation of 2-aminopyrroles (I) yields stable diazo compounds [cf. (II)] which easily react with isocyanates to the title compounds (IV) as potential antineoplastic agents. Diazotation of the amino amide (V) gives an impure diazo product which is directly converted to tetrazine (VI). — (DIANA, PATRIZIA; BARRAJA, PAOLA; LAURIA, ANTONIO; ALMERICO, ANNA MARIA; DATTOLO, GAETANO; CIRRINCIONE, GIROLAMO; Synthesis (1999) 12, 2082-2086; Dip. Farmacochim.-Tossicol. Biol., Univ. Stud., I-90123 Palermo, Italy; EN)

