



Figure 14: 3-(4-amino-1-oxo 1,3-dihydro-2H-isoindol-2-yl) piperidine -2,6- dione. (Lenalidomide).

### 1.6.8 Linomide

A quinoline-3-carboxamide with potential antineoplastic activity. Linomide inhibits endothelial cell proliferation, migration, and basement membrane invasion; reduces the secretion of the angiogenic factor tumor necrosis factor alpha by tumor-associated macrophages (TAMs); and inhibits angiogenesis. Linomide (figure 15) is also an immune modulator that appears to alter cytokine profiles and enhance the activity of T cells, natural killer cells, and macrophages (Noseworthy *et al.*, 2000, Vukanovic and Isaacs 1995).