Centre For AIDS Reagents

Data Sheet

NAME:	Indinavir Sulphate
REPOSITORY REFERENCE:	ARP972
PROVIDED:	20 mg
CHEMICAL NAME:	(alphaR, gammas,2S)-alpha-Benzyl-2-(tert-butylcarbamoyl)-gamma-hydroxy-N-[(1S,2R)-2-hydroxy-1-indanyl]-4-(3-pyridyl-methyl)-1-piperazinevaleramide sulfate.
MOLECULAR FORMULA:	$C_{36}H_{47}N_5O_4 \bullet H_2SO_4$
MOLECULAR WEIGHT:	711.88
CHARACTERISTICS:	Indinavir sulphate is a selective, competitive inhibitor of HIV-1 protease. Indinavir is a structural analogue of the HIV *Phe-Pro* protease cleavage site. The drug's structure inhibits the function of HIV protease, blocking virus maturation and causing the formation of immature, noninfectious virions.
SOLUBILITY:	Very soluble in water and in methanol. Insoluble in hexanes
RECOMMENDED STORAGE:	Room temperature

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NOTE:	This compound is limited to 40 mg per requester per year. **Recipient agrees that the reagent (Indinavir Sulphate) use is permitted only as a standard for in vitro and/or studies in animals for inhibition of HIV replication.**