

Study of INT-747 as monotherapy in patients with primary biliary cirrhosis (PBC)

Submission date 03/07/2008	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 13/08/2008	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 16/04/2019	Condition category Digestive System	<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Erin Castelloe

Contact details
Clinical Consultant - Pharmacovigilance
4370 La Jolla Village Drive
Suite 1050
San Diego
United States of America
92122
+1 (0)858 354 6441
ecastelloe@interceptpharma.com

Additional identifiers

ClinicalTrials.gov (NCT)
NCT00570765

Protocol serial number
747-201

Study information

Scientific Title

A study of INT-747 (6-ethyl chenodeoxycholic acid [6-ECDCA]) monotherapy in patients with primary biliary cirrhosis (PBC)

Study objectives

The primary hypothesis is that INT-747 will cause a reduction in alkaline phosphatase levels in primary biliary cirrhosis (PBC) patients, over a 12 week treatment period, as compared to placebo.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval received from:

1. USA: Virginia Commonwealth University, McGuire Institutional Review Board, McGuire VA Medical Centre, 02/10/2007, ref: 01379
2. UK: Multicentre Research Ethics Committee (MREC)
3. Austria: Ethikkommission der Medizinischen Universität Graz, 27/10/2008, ref: 20-003 ex 08/09
4. France: CPP Ile de France VI, 09/07/2008, ref: 47-08
5. Germany: Ethik-Kommission der Medizinischen Hochschule Hannover, 22/04/2009, ref: 5164M
6. Spain: Comitè Ètic Investigació Clínica, 30/06/2008, ref: 747-201

Ethics approval pending from:

7. The Netherlands

All other centres within recruiting countries will seek ethics approval before recruiting participants.

Study design

Treatment randomised double-blind (subject, investigator) placebo-controlled parallel-assignment safety/efficacy study

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Primary biliary cirrhosis

Interventions

1. Experimental treatment: INT-747 10 mg orally (po) once daily (QD)
2. Experimental treatment: INT 747 50 mg po QD
3. Matched placebo comparator: placebo po QD

Screening period can be up to 4 weeks. Treatment is 12 weeks. Follow up after treatment is 2 weeks.

Intervention Type

Drug

Phase

Not Applicable

Drug/device/biological/vaccine name(s)

INT-747 (6-ethyl chenodeoxycholic acid [6-ECDCA])

Primary outcome(s)

To assess the effects of INT-747 on:

1. Alkaline phosphatase (AP) levels
2. Safety

Time frame: 12 weeks

Key secondary outcome(s)

1. To assess the effects of INT-747 on:

- 1.1. Hepatocellular injury and liver function
- 1.2. Disease-specific and general health symptoms
- 1.3. Biomarkers of hepatic inflammation and fibrosis
2. Plasma trough concentrations of INT-747 and its major, known metabolites

Time frame: 12 weeks

Completion date

31/12/2014

Eligibility**Key inclusion criteria**

1. Male or female age 18 to 70 years
2. Female patients must be postmenopausal, surgically sterile, or prepared to use two methods of contraception with all sexual partners during the study and for 14 days after the end of dosing
3. Male patients must be prepared to use two methods of contraception with all sexual partners during the study and for 14 days after the end of the dosing
4. Proven or likely PBC, as demonstrated by the patient presenting with at least two of the following three diagnostic factors:
 - 4.1. History of increased AP levels for at least 6 months prior to Day 0
 - 4.2. Positive antimitochondrial antibody (AMA) titre (greater than 1:40 titre on immunofluorescence or M2 positive by enzyme-linked immunosorbent assay [ELISA]) or PBC-specific antinuclear antibodies (antinuclear dot and nuclear rim positive)
 - 4.3. Liver biopsy consistent with PBC
5. Screening alkaline phosphatase (AP) value between 1.5 and 10 x upper limit of normal (ULN)

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Total final enrolment

59

Key exclusion criteria

1. Administration of the following drugs at any time during the three months prior to screening for the study:

1.1. Ursodeoxycholic acid (UDCA, URSO®)

1.2. Colchicine

1.3. Methotrexate

1.4. Azathioprine

1.5. Systemic corticosteroids

2. Screening conjugated (direct) bilirubin greater than 2 x ULN

3. Screening alanine aminotransferase (ALT) or aspartate aminotransferase (AST) greater than 5 x ULN

4. Screening serum creatinine greater than 133 µmol/L (1.5 mg/dL)

5. History or presence of hepatic decompensation (e.g., variceal bleeds, encephalopathy, or poorly controlled ascites)

6. History or presence of other concomitant liver diseases including hepatitis due to hepatitis B or C virus (HBV, HCV) infection, primary sclerosing cholangitis (PSC), alcoholic liver disease, definite autoimmune liver disease or biopsy proven nonalcoholic steatohepatitis (NASH)

7. Pregnancy

Date of first enrolment

01/11/2007

Date of final enrolment

31/12/2014

Locations**Countries of recruitment**

United Kingdom

Austria

Canada

France

Germany

Netherlands

Spain

United States of America

Study participating centre
Intercept Pharmaceuticals
San Diego
United States of America
92122

Sponsor information

Organisation
Intercept Pharmaceuticals (USA)

ROR
<https://ror.org/01sx6jc36>

Funder(s)

Funder type
Industry

Funder Name
Genextra S.p.A. (Italy)

Funder Name
Visium (USA)

Funder Name
JAFCO Life Science Investment (Japan)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Abstract results	conference abstract	01/09/2011		No	No
Basic results				No	No